

The



# CHEMIST AND DRUGGIST

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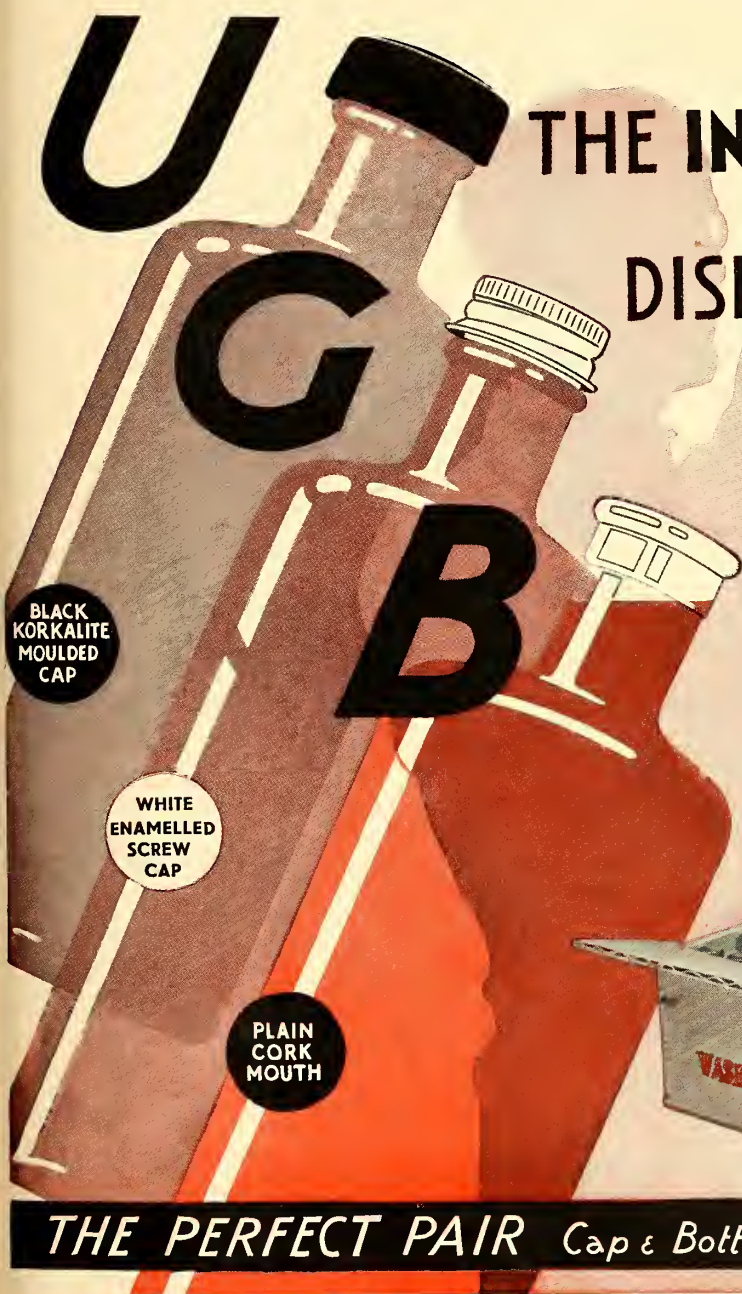
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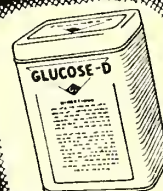
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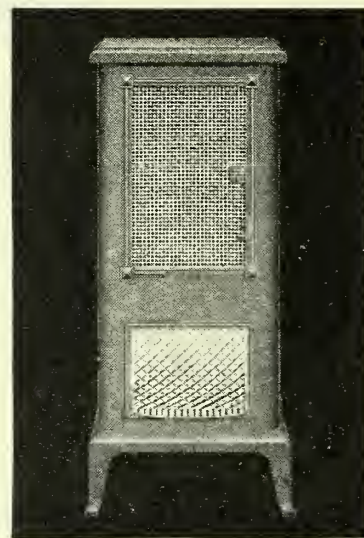
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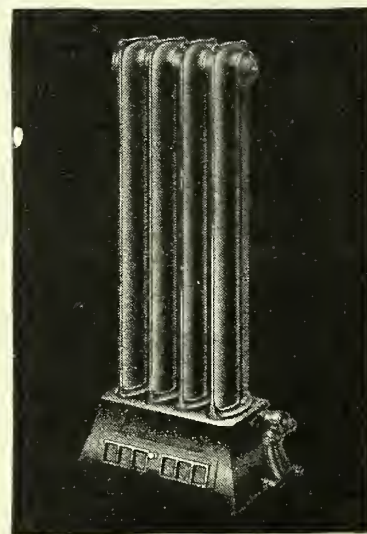
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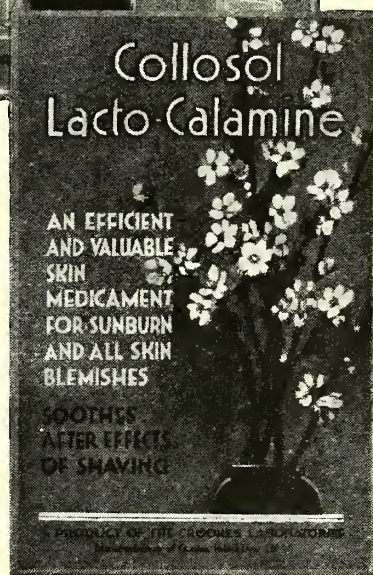


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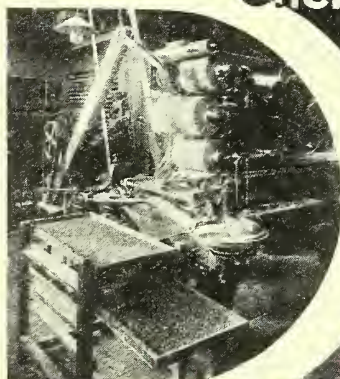


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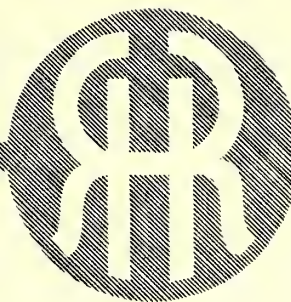
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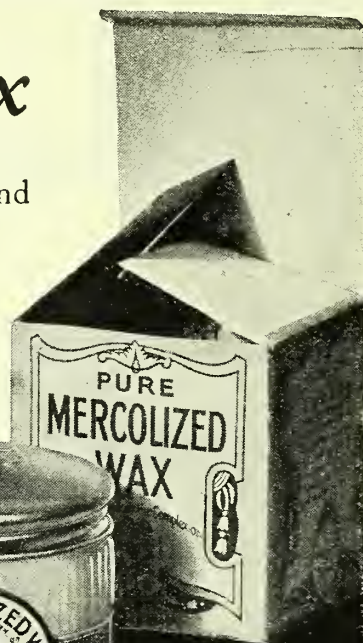
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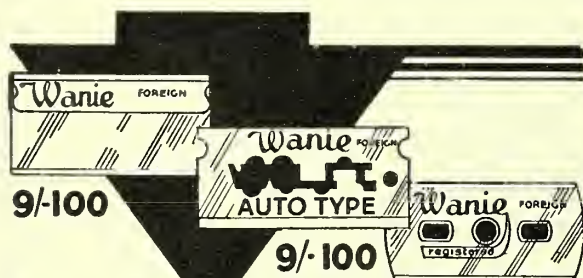
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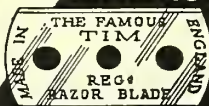
16 WIThey GROVE, MANCHESTER

Enquiries from Irish Free State Invited.

Wholesalers are invited to apply for Trade Terms.

**HAND  
HONED**

# TIM



**3'9  
GROSS  
BRITISH  
BLADES**



**Not 1...or 2 but  
3 SHAVING EDGES**

Here's the triple-value safety razor that's proving a profitable sideline wherever it is displayed.

The Maktor's exclusive advantages include a three-way adjustable gap for stiff, medium and fine beards. Blade is thick and hollow ground, and of finest Diamond Hard Sheffield Steel, finished by hand control. Outfit consists of heavily plated razor, scientifically moulded guard and one Maktor Blade. Blades only 3d. each.

MAKTOR SAFETY RAZOR CO. LTD.,  
(Dept. C. & D.)

87 SOUTHWARK ST., LONDON, S.E.1

Yorkshire Agents: Abbey & Cawthorne  
Barton-le-Street, Maltou

Write to-day for details  
and display material.

**6<sup>D</sup> WITH ONE  
REVERSIBLE  
BLADE**

**MAKTOR** *Safety Razor*

# WARDONIA

**A CLOSE CLEAN  
QUICK SHAVE  
EVERY DAY**

Your customers will prefer the fine shaving qualities and long life of Wardonia Barrel-Hole Blades. Order **NOW**—large range of display material free. Blades retail 4 for 1/- and 10 for 2/6 in metal containers. Cost 21/- per box of 120 blades.

Sole Makers: **THOMAS WARD & SONS, LTD.,**  
Wardonia Works, Sheffield, 1





# NOVOPINE

## FOOT ENERGISER

1/- per packet.

Trade 8/- per dozen.

Showing full 33 $\frac{1}{3}$ % discount.

Each packet contains sufficient for 16 foot-baths.

Special Bonus Offer for a short period  
13 to the dozen on orders for 3 dozen  
or more.

Your profit on the Bonus offer 38 $\frac{1}{2}$ %

NOVOPINE Bath Tablets  
1/- per carton of 4.

Trade 8/- per dozen.

NOVOPINE Fine Essence  
5/6 per bottle.

Trade 44/- per dozen.

Manufactured by

ASTROPINE LIMITED, Yeo Street, Bromley-by-Bow, London, E.3

During the summer months most people suffer discomfort and seek relief for their feet.

Novopine Foot Energiser is a specially prepared product which will give your customers the very relief they seek. To sell one packet is to make a regular customer.

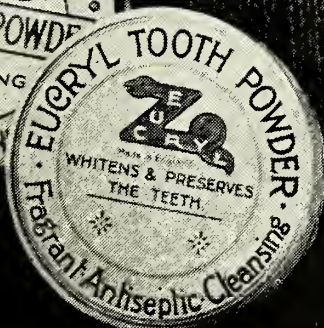
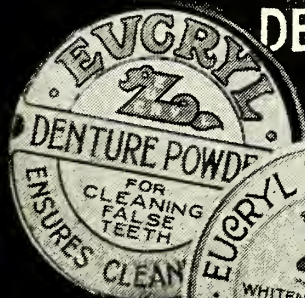
Novopine Foot Energiser is attractively packed and each packet is a display in itself.

Advertising in progress in most of the leading Daily and Weekly papers.

Send your order direct, stating the name of your Wholesaler.

# EUCRYL

## DENTIFRICES



PROFIT ON  
SELLING PRICE

**43%**

BOUGHT  
ON

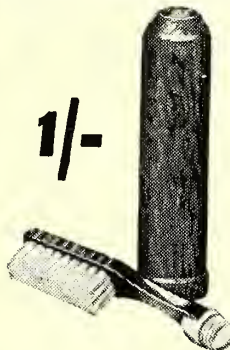
**DISPLAY  
TERMS  
—YIELD—**

PROFIT ON  
BUYING PRICE

**75%**

EUCRYL LTD. Manufacturing Chemists. SOUTHAMPTON

1/-



## 2 QUICK SELLERS!

**A SOUPLEX TOOTHBRUSH**

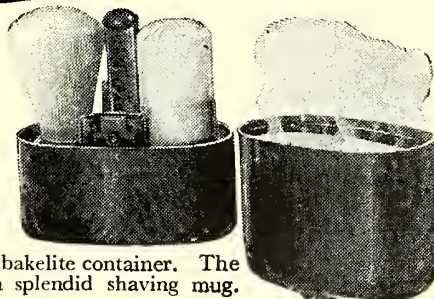
in a neat container of mottled  
bakelite, handy for the traveller,  
hygienic for all.

**SOUPLEX** 3/6

**THE  
SOUPLEX  
SENIOR  
SHAVING  
SET**

A Souplex  
razor,  
brush, soap  
and blades

in compact bakelite container. The  
lid makes a splendid shaving mug.



SOUPLEX LTD.—MORECAMBE





# Prompt Deliveries *Encourage* Bigger Purchases

When customers know they can rely implicitly upon a quick delivery of their goods they are bound to order more generously and more frequently.

The exceptional reliability of the Raleigh Carrier cycle is an important factor of goodwill in many successful businesses, and those already acquainted with its unusual strength, reliability and superior finish, never entertain for one moment the purchase of any other machine.

## LOW GRAVITY CARRIER

Price **£6.19.6** Cash

22-in. frame (as illustrated).

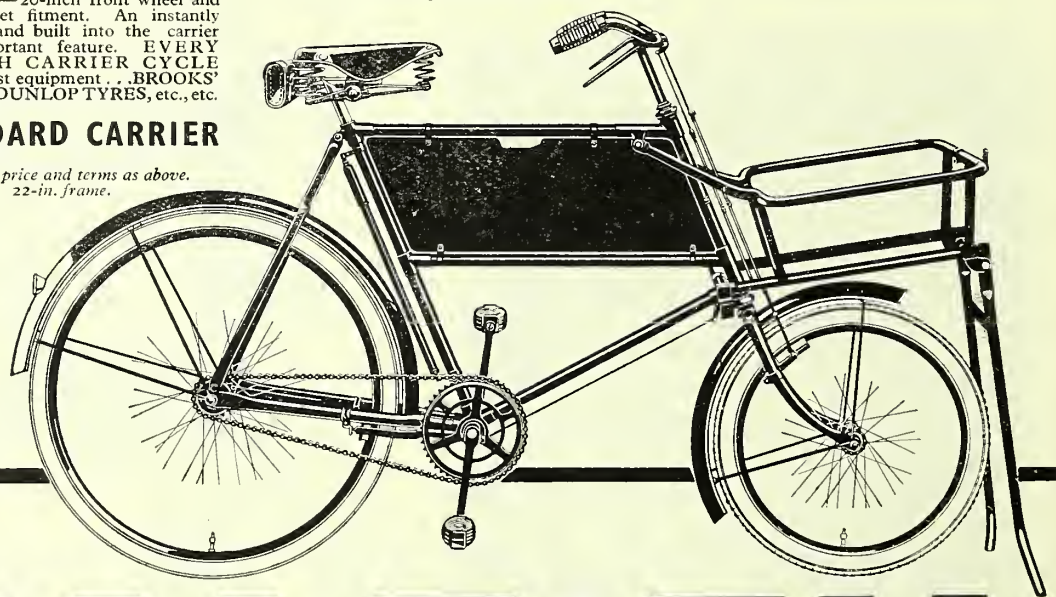
Deferred Terms

**5/-** down and 12 equal monthly payments of 13/7.

Specially designed for carrying heavy or bulky loads—20-inch front wheel and larger basket fitment. An instantly operated stand built into the carrier is an important feature. EVERY RALEIGH CARRIER CYCLE has the finest equipment... BROOKS' SADDLE, DUNLOP TYRES, etc., etc.

## STANDARD CARRIER

At same price and terms as above.  
22-in. frame.



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## THE ALL-STEEL BICYCLE

THE RALEIGH CYCLE COMPANY LIMITED, NOTTINGHAM. (Depots and Agents Everywhere)



# Pharmacy for the QUALIFIED

**WHY NOT YOUR OWN? TOILETS AND SUNBRONZ LUXURIES, WITH OWN NAME IN UNIFORM STYLE**

The

## BARONET SERIES

Twenty-eight uniform products, each of which can be sold at SIXPENCE and render you more return than any proprietary.

THIS FINE DISPLAY FURNITURE IS GIVEN FREE WITH ORDERS FOR THREE GROSS (which may be fully assorted) or loaned with smaller quantities at a charge of 7/6 which is credited when three gross is achieved or when the stand is returned.



			on Cost	Profit*
Per dozen	...	@ 4/- net	50%	33 1/3%
3 dozen	...	@ 3 10 "	56 2/3%	36%
6 "	...	@ 3 3 "	63 1/3%	39%
1 gross	...	@ 42/- "	71 2/3%	41 2/3%
2 "	...	@ 41/- "	75 1/3%	43%
3 "	...	@ 40/- "	80%	44 2/3%
5 "	...	@ 39/- "	84 2/3%	46%

\* Calculated on a "Sixpeny" retail price

Contracts may be booked for estimated season's requirements, one gross or upwards, at relative rates, to be taken as required. Each delivery is invoiced at its own quantity rate; and a credit by cheque given on completion of the contract quantity.

WHY NOT YOUR OWN?

### PRODUCTS

Astringent Skin Lotion.  
 Bay Rum (Industrial)  
 Bay Rum and Cantharides  
 Bay Rum and Quinine  
 Brilliantine (Inseparable)  
 Calamine Lotion, B.P.C.  
 Coconut Oil Brilliantine  
 Crystal Tonic Brilliantine  
 Emulsified Coconut Oil Shampoo  
 Glycerine and Cucumber  
 Glycerine and Rosewater  
 Hair Cream (Plain)  
 Hair Cream with Oil  
 Hair Setting Lotion  
 Hair Tonic  
 Honey and Flowers  
 Jasmin Oil  
 Lavender Tonic Spirit Shampoo  
 Lavender Oil  
 Lemon and Almond Cream  
 Lime Cream  
 Spirit Soap  
 Sunbronz Oil  
 Sunburn Lotion  
 Sunburn Calamine Lotion  
 Tan-Glow  
 Toilet Paraffin  
 Violet Oil

**AYRTONS :: LIVERPOOL & DUBLIN**



# IT'S

## NEW EXTRA FAST AND ALL-BRITISH

**SPEED**  
**27° SCHEINER**



Every keen photographer is eager to try a new Film—to ensure repeat sales sell him NURO—the film that is better than any other. NURO Film has a new feature "Lastic Latitude," which is the greatest degree of latitude ever introduced into any film. Fully ortho-chromatic with a speed of 27 degrees Scheiner, and an exceptional gradation range, NURO Film sells at popular prices. Your profits and your goodwill will benefit by selling NURO Film—the first and only British Film.

**WRITE FOR LIST OF SPECIALLY  
APPOINTED  
AGENTS**

  
**NUROFILM**  
*Sensitive as Sight — British as the Flag.*

**In all STANDARD SIZES & PRICES**

**NURO (Biggleswade) LTD., Biggleswade, Beds., Eng.**

Telephone: Biggleswade 234  
Grams: "Nuro," Biggleswade



# Accrington LTD.



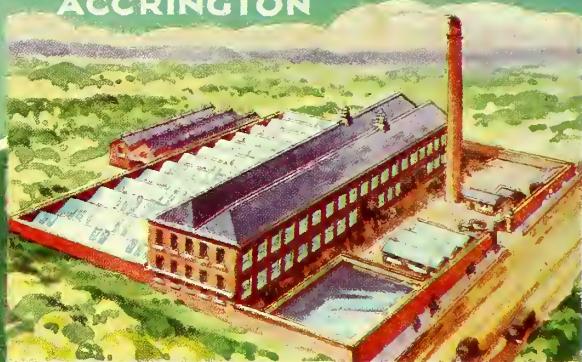
This popular old remedy is having a boom. Old English Coltsfoot Rock is superior to any other kind. Packed in 3d. and 6d. transparent bags in outers of 2-doz. and 1-doz. respectively. Price 2-doz. 3d., 4/-. 1-doz. 6d., 4/-

606



# Another winner!

FROM LIGHTBOWNS  
ACCRINGTON



The Sunshine Laboratories of J. W. Lightbown & Sons Ltd.

The new lines illustrated on this and the preceding page have already proved themselves Best Sellers. The sterling quality of every ingredient, the smart colourful packings and general air of modernity will put fresh life into your counter sales. The packings listed overleaf are supplied only to chemists. There is a liberal margin of profit and each line is in demand all the year round. The present demand for Vitamacs is taxing our resources, so popular has this sweet become. Vitamacs contain an appreciable quantity of genuine Maclean's Powder and are attractively flavoured. The public has discovered how beneficial Vitamacs are in removing wind, pains and acidity after meals.

Price 1/4 per lb. in 6lb. Jars

Supplies for refilling  
jars, in 4lb.  
Decorated  
Tins, at  
same price



## J.W. Lightbown & Sons Ltd.

Manchester Road • Accrington



**OVER****50%****PROFIT**

An outstanding offer extending to August 31st, 1936.

For an order of 3 dozen "Pharmal" Hot Water Bottles, and a promise to give them a window display for two weeks, we will send you **ABSOLUTELY FREE** as bonus, 3 "Pharmal" NURSERY HOT WATER BOTTLES.

The fixed retail price of the "Pharmal" Bottle is 2/11d., and the Nursery Bottle 2/-. For an outlay of 72/- your return is 111/- including your 6/- bonus—**OVER 50% PROFIT.**

Send your order either direct to us, giving the name of your usual wholesaler, or through your wholesaler. We will send direct to you, delivering to your specified date, and invoice through your usual wholesale house.

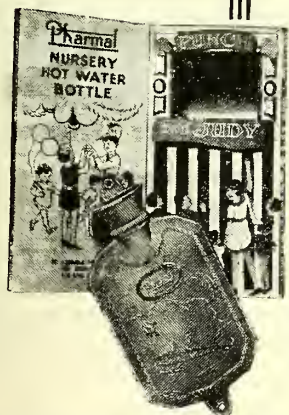
The "Pharmal" Hot Water Bottle, approximate size 12" x 8", is an established pharmaceutical line with a 7 years' reputation for consistent service. The 1936 bottle incorporates all the usual safety features and now has a further improvement in the convenient handle for easier filling.

It will have added selling impetus from extensive advertising in the women's press.

Remember, August 31st, 1936, is the definite closing date for this offer—order **NOW.**

Colour range : Red, Blue, Green, Blue/Green, Jazz.

# *Selling*



The "Pharmal" Nursery Bottle, which costs you nothing under the special offer and sells for 2/-. In attractive and novel carton.

# Pharmal

## HOT WATER BOTTLES

THE LEYLAND & BIRMINGHAM RUBBER CO., LTD., LEYLAND, LANCs.



# ZEAL

**Clinicals**

*The Choice  
of Experts*

BRITISH  
MADE

NO HIGHER  
IN PRICE THAN  
NONDESCRIPT  
MAKES

Also Household, Bath  
and Works Thermometers,  
the best of their kind

**G. H. ZEAL LTD.**  
MORDEN RD., MERTON,  
LONDON, S.W.19  
Phone: Liberty 2283-4-5



# “SURCO”

RELIABLE

## ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to  
measure we maintain a 24  
hour service.

:: BODY BELTS ::  
TRUSSES :: SUNDRIES

*Write for Catalogue.*

## SURGICAL HOSIERY CO. LTD.

Russell Street :: NOTTINGHAM

Telephone No.: 75903.      Telegrams: SURGICAL, NOTTM.

## WHITE MONARCH

THE  
MODERN ENCLOSED DISPENSING BALANCE



Stainless Steel      Chromium Plating

Entirely protected from dust and fumes by the white porcelain enamelled housing. Strongly made to withstand hard usage and yet retain its sensitivity

ASK YOUR SUNDRIES HOUSE TO  
SHOW YOU ONE

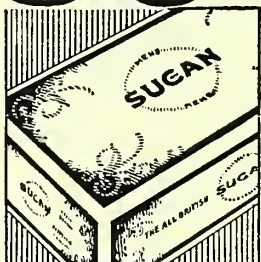
**WILLIAM A. WEBB, Ltd.**  
4/5 Skinner Street, London, E.C.1

# SUGAN

The Popular  
MODERN, SOLUBLE  
HYGIENE

Rapidly taking a leading place in the minds of modern womanhood on account of its extreme comfort and instant disposability. Persistently advertised the whole year through.

Supplies are obtainable through all wholesale houses.



**ROBINSON & SONS LTD. CHESTERFIELD & LONDON**

An invaluable protection  
after Sprains or Fractures



## VIC

WRIST SUPPORT

Patent No. 410258

Essential for use after the removal of splints. Popular with all sportsmen and sportswomen for its economy and reliability.

PRICE 9d. EACH

Stocked in Natural, Flesh & Tan by all leading Wholesalers.  
Sole Manufacturers: Grout & Co., Ltd., London, E.C.2



Are you near the end of your Financial Year?

IF SO, DO NOT FORGET THE

**C. & D.**

# STOCK-TAKING PAD

(THIRD EDITION)

**THE GREATEST TIME-SAVER IN THE TRADE**

This edition differs from the first two editions mainly in the more convenient grouping of classes of goods in which grouping was found to be practicable: veterinary medicines, photographic goods and packed preparations are examples. In addition, the number of blank pages has been increased, so that there may be ample space for entering stock not readily seen to fall under any of the printed headings. Used in conjunction with the *C. & D.* Retail Price List it enables the chemist to do his own stocktaking quickly, cheaply and efficiently. Contains 54 sheets in pad form.

**Price 2/6, post free**

J. T. P. (23/14) writes:—"Please send me a pad of the *C. & D.* Stock-taking Sheets, for which I enclose 2/6. I found it a great *time-saver* last year."

S. P. (16/25) says:—"The *C. & D.* Stock-taking Pad is the best thing I have seen yet. It is useful also to form the original stock-list of a new shop, saves many hours' work and prevents omissions. I shall always use it in my pharmacies."

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*Publications Department*

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PLANTAGE-FRANSCHELAAN 32, AMSTERDAM



## The NEW PACK

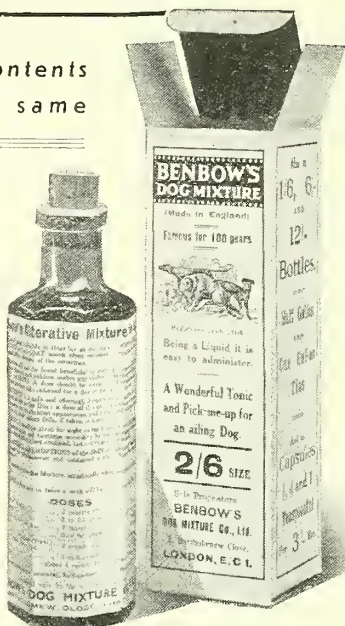
Size and Contents  
remain the same

- More up-to-date.
- Better for display.
- Will stand up in window or on counter.

A Tonic for  
Benbow Sales

PRICES:  
In Bottles  
1/6, 2/6, 6/- and 12/-  
P.A.T.A.  
In Capsules  
at 3/- per box.  
Also in 3-gall.  
and 1-gall. cans.

Order through your  
usual wholesaler.



**BENBOW'S DOG MIXTURE Co., Ltd.**  
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English  
Filter

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Postlip Filterings are stocked by all the leading Wholesale  
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THE  
"Lady Nicotine"  
Regd.  
A popular Ladies' Brush



W. R. TILBURY & SON  
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A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

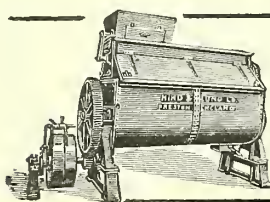
For Direct Terms apply to—  
**OSCAR SCRUTON & Co., YORK**



**CHEMISTS'  
SIGNS**

& LETTERS OF EVERY TYPE  
ILLUMINATED BOX SIGNS  
introducing "Staybrite"—a  
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The Guaranteed Stainless  
Steel.

Free Designs and Sketches.  
**S. NEWTON & Co., Ltd.**  
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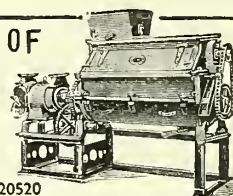


## SEND US YOUR ENQUIRIES FOR ANY TYPE OF MIXERS & SIFTERS

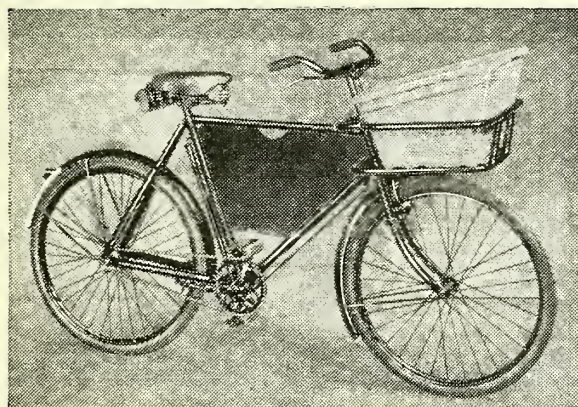
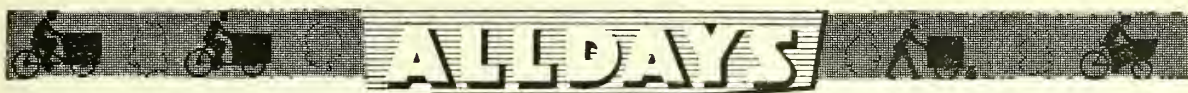
We will gladly advise what kind of machine is best suited for your requirements. We make every type of sifter and mixer. Sturdy, well built machines giving maximum production and efficiency.

**GEO. PORTEUS & SONS (LEEDS) LTD.**  
LEEDS BRIDGE, LEEDS

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### THE ALLDAYS NO. 1 CARRIER

As used by thousands of tradesmen throughout the country. A machine of quality-first construction and utmost durability under roughest usage. Scientific balance of load, which does not move with steering.

**Price: £5 - 17 - 0**

Carriage paid. Baskets, extra 5/6.

## Urgent deliveries are frequent problems for the Pharmacist

These problems are solved by Alldays Carrier Cycles. Built by specialists they give years of trouble-free service at low maintenance costs.

A smart delivery outfit is essential to your business. It is your cheapest, yet most effective advertisement.

Alldays Cycles are moderate in price — will stand up to really hard work and always give complete satisfaction.

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London Office: 9 Victoria St., S.W.1

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are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemists' Fittings, Second-hand and New.



The preference of women for Southall's Sanitary Towels brings steady sales all the year round.

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The "K" made entirely of absorbent cotton wool, with very soft cover.

The "COMPRESSED" for travelling. A very popular line.

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Retail, 1/9. Wholesale, 15/-.  
Also Forster's "Fenolin Fluid" For Whooping Cough  
Write for particulars  
**HALL, FORSTER & CO., Ltd., Newcastle-on-Tyne**

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indicated in all cases of

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THE CHESTNUTS FARM, EYE, SUFFOLK

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The Best and Safest Remedy for Cattle, Horses, etc.

There is money to be made in Veterinary lines if you stock the right lines. "Kattlekure" is known throughout the country and regularly advertised in all the farming journals.

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For all grades of Olive Oil write for samples and prices to

**OLIVE OIL**

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GRAMS: CRODA, GOOLE

ALL GRADES

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#### ANTIPHONE

Safe Protection against Noise when Working or Sleeping.

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Hygienic Protection for the Ears when Bathing and Diving

Medically Recommended

Box 12 globules 2/6d. retail. Terms 33 1/3%

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The Purest Quality on the Market. Produced by  
**THOMAS HEDLEY & CO., LTD., TRAFFORD PARK**  
Chemically Pure B.P. Industrial White. Pale Straw.

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Alexandrian & Tinnevely  
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*Eau de Cologne . . . Lavender Water*

ALL TOILET PREPARATIONS

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How are your Stocks of

## WILLIAMS'

Shaving Preparations?

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**SHADEINE**  
FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses.

Trial size 8d., per doz.	6/-
1/4 size, per doz.	12/-
2/6 size, per doz.	24/-
3/9 size, per doz.	36/-

**THE SHADEINE Co.**, 49 Churchfield Road, Acton, W.3.

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KEEPS HANDS CLEAN

Also

**OINTMENT**

Prevents chapped hands

Tubes 6d. & 1/-

Display Cards and  
Cartons of 1 doz.  
6d. Tubes

Display Cartons of

1 doz. 1/- Tubes. Aluminium Containers 2/6.  
From wholesaler or direct. Show matter and  
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**RIGHT ABOUT  
FACE!**

6 for 6D.

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**SHEFFIELD'S SHARPEST**

FITS ALL 3 PEG HOLDERS

ALL CHEMISTS SHOULD STOCK

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THE GOLD MEDAL HEALTH DRINK. Quick Seller, Big Profits.  
Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale  
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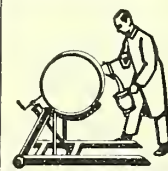
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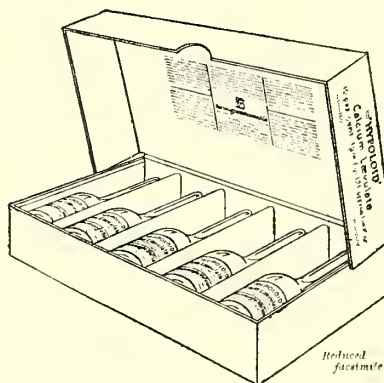
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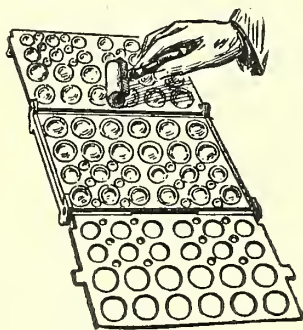
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## News of the Week

### Key Industry Duty Exemptions

The Board of Trade give notice that the question of the renewal of the Safeguarding of Industries (Exemption) No. 7 Order 1935, No. 1 Order 1936, No. 2 Order 1936, No. 5 Order 1936, and No. 8 Order 1936, made under Section 10 (5) of the Finance Act, 1926, is now under consideration. The articles covered by these Orders are exempt from Key Industry duty until August 19, 1936. Any communication should be addressed to the Principal Assistant Secretary, Industries and Manufactures Department, Board of Trade, Great George Street, London, S.W.1, not later than July 31.

### Merchandise Marks Order—Vanity Cases, etc.

The Merchandise Marks (Imported Goods) No. 1 Order, 1936, is as follows:—It shall not be lawful to sell or expose for sale in the United Kingdom any imported fancy articles of the following descriptions:—Vanity cases, lipstick holders and similar cosmetic receptacles, made wholly or mainly of metal, unless they bear an indication of origin. The indication of origin shall be die-stamped or otherwise impressed, incised or embossed on each article, or printed or stamped on a label securely attached or affixed thereto. Goods to which this Order applies shall bear the indication of origin herein provided on exposure for sale wholesale only if the person so exposing the goods is not a wholesale dealer. Nothing in this Order shall require any goods to which it applies to bear an indication of origin at the time of importation. This Order shall come into force on October 3, 1936.

### Dangerous Drugs Acts, 1920-32

(From "The London Gazette," July 21, 1936)

#### SUSPENSION OF WITHDRAWAL OF AUTHORISATIONS

JOHN PARK MATHIE

The Home Secretary gives notice that he has suspended until further Order the operation of the Notice, dated August 23, 1930, and published in the "London Gazette" and "Edinburgh Gazette" on August 29, 1930, withdrawing from John Park Mathie, L.R.C.P., L.R.C.S., Edin., L.R.F.P.S., Glasgow, now residing at Branksome, Goldthorn Hill, Wolverhampton, the authority granted by the Regulations made under the Dangerous Drugs Act, 1920, to duly qualified medical practitioners to be in possession of and to supply raw opium, coca leaves and Indian hemp, and the drugs and preparations to which Part III of the Act applies; and has also suspended the direction, given at the same time, that it should not be lawful for Mr. Mathie to give prescriptions for the purposes of the aforesaid Regulations.

Whitehall, July 21, 1936.

### Sessional Events

The following have been appointed the officers of the Western Pharmacists' Association and Branch of the Pharmaceutical Society for the session 1936-37:—*President and Chairman*, Mr. P. D. Goodwin; *Treasurer*, Mr. W. E. D. Shirliff; *General Secretary*, Mr. Clifford Evans; *Assistant Secretary*, Mr. W. T. Pratt; *Social Secretary*, Mr. F. Noble.



Many pharmacists from Coventry and Warwickshire, with their assistants, were present at the Chace Hotel, Coventry, on July 16, when a lecture was given on the Pharmacy and Poisons Act by Mr. A. E. Young, Ph.C., Leicester. Mr. Young gave an interesting historical survey of poisons legislation and dealt fully with the general detail of the new Act. References were also made to the Poisons Rules and List. Many questions were asked, and Mr. Young's answers cleared up many doubtful points. After hearty thanks had been accorded to Mr. Young for his excellent lecture, tea was served to a company of about fifty. The attendance included Dr. E. G. Bryant (head of the Pharmacy Department, Birmingham Central Technical College), Mr. Chamings (head of the Department of Pharmacy, Leicester College of Technology) and Mr. Nundy (chairman of the Warwickshire Branch of the Pharmaceutical Society). Mr. W. A. Bales (chairman of the Coventry Branch of the National Pharmaceutical Union) presided.

### Sporting Events

At Dinsdale golf course, on July 5, a match was played between teams representing the Northumberland and Durham



NORTHUMBERLAND AND DURHAM V. LEEDS

Chemists' Golfing Society and the Leeds and District Chemists' Golfing Society, the former winning by eight matches to three, with three halved. Details are as follows:—

Northumberland and Durham				Leeds and District			
Potts .. .. .	0	Bolton .. .. .	1				
A. Walker .. ..	1	Robson .. .. .	0				
Taylor .. .. .	1	Burns .. .. .	0				
Gibson .. .. .	½	Kemp .. .. .	½				
Robson .. .. .	1	Shooter .. ..	0				
Hamis .. .. .	1	Lockhart (sen.)	0				
Iley .. .. .	0	Crawford .. ..	1				
Kidd .. .. .	½	Roberts .. .. .	½				
H. Walker .. ..	1	Lockhart (jun.)	0				
Armstrong .. ..	1	Backleg .. .. .	0				
Middleton .. ..	1	Judge .. .. .	0				
Fairclough .. ..	0	Newbould .. ..	1				
Dark .. .. .	½	Houlton .. .. .	1				
Anderson .. .. .	1	Donaldson .. ..	0				

Four football matches were played in the afternoon.

### Manchester

Miss Betty Cleworth, youngest daughter of Mr. John Cleworth, has successfully passed her third year examinations for the diploma of L.D.S. at the Victoria University.

At Manchester City Police Court, on July 16, Edward Percy Barnes (37), commercial traveller, was sentenced to nine months' imprisonment on four charges of embezzlement. It was stated for the prosecution that the accused had been employed since June 1933 by D. Mawdsley & Co., Riga Street, Shudehill. There were four charges, the sums totalling £32 10s. Mr. Desquesnes, for the accused, said that on one occasion he had been robbed of £42, and afterwards had a motor accident. Police records showed that Barnes had previously been convicted.

### Miscellaneous

**THEFT.**—A smash and grab raid took place at the premises of Mawson & Proctor, Ltd., chemists, Grainger Street West, Newcastle-upon-Tyne, on July 19. Among the articles stolen were a Zeiss Super-Ikonta camera and a pair of Zeiss binoculars.

**VISITS TO WORKS.**—On July 8 Croydon chemists paid a visit to the laboratories of Glaxo, Ltd., Greenford. An enjoyable afternoon was spent there through the efforts of Mr. W. E. James and other members of the company's staff who conducted the party. A vote of thanks was proposed by Mr. R. S. Ridgley and Mr. W. C. James replied.—A party of about thirty members of the Thames Valley District Pharmacists' Association paid a similar visit to the laboratories on July 15. After tea, Mr. Frank Davis (president of the Association) thanked Messrs. Glaxo for an interesting afternoon.

### Irish Notes

#### Irish Drug Association

A Committee meeting of the Irish Drug Association was held on July 13, Mr. T. C. Scott (president) in the chair. Correspondence was received in connexion with the recent agreement reached between the I.D.A. and the Chemists' Section of the Irish Union of Distributive Workers, and the secretary (Mr. R. J. Kidney) was instructed as to the replies. Members were invited to bring to the notice of the Association any difficulties they may have with regard to the operation of the new agreement. Letters were received from manufacturers and wholesalers regarding the manner in which the approved lists were working in practice. These communications were welcomed. The Committee directed that the manufacturers concerned be assured that the I.D.A. would apply itself to remedying any difficulties that had arisen. The attention of the Committee was drawn to the prominence given by some members of the I.D.A. to toilet lines not confined to chemists and druggists. While the I.D.A.'s drive was mainly concerned with pharmaceutical lines, it was pointed out that a number of manufacturers of toilet and cosmetic preparations had at their own request been placed on the Approved List. In view of this voluntary action the Committee requested all I.D.A. members to give their fullest support to the manufacturers of toilet and cosmetic preparations on the List. The Committee, in addition, urged the support of wholesalers and manufacturers on the Approved List whose lines are not strictly chemists' lines.

#### Brevities

Mr. Victor McMullan and Mr. Fred Storey played for the fathers in the annual cricket match Fathers v. Pupils at Rockport School, Craigavad, co. Down, last week. Sir Thomas McMullan and Mr. Frank McMullan were also present.

Many pharmaceutical and allied firms participated in the recent slogan contest run by the "Irish Press." Irish Pharmaceuticals, Ltd., divided a £5 prize between S. C. O'Kelly, Castlecomer, and Mrs. N. Rynne, Stillorgan Road, Dublin.

Commandant Daniel J. Stapleton, who has frequently given evidence in the Courts of the Free State on firearms and explosives, has been transferred to the Special Branch of the Gardha Sióchana with the rank of superintendent. Commandant Stapleton is a pharmaceutical chemist.

Statistics issued by the Ministry of Commerce for Northern Ireland under the Companies Acts show that the total paid-up capital in the business of chemists and druggists on December 31, 1935, was £124,510; the nominal capital £383,310; the subscribed capital £300,594; and the capital considered as paid £166,820. On December 31, 1934, the figures were: Paid-up capital £121,326; nominal capital £377,310; subscribed capital £292,775; capital considered as paid £162,870.

At a meeting of the chemists of the Leix area held recently at Portlaoighise (Maryborough), Mr. Bolger in the chair, it was decided to delete the hours for bank holidays in the hours of business schedule. A resolution was adopted requesting the I.D.A. to write to the secretary of every county council in the Free State for a list of the poison-licence holders in each county, with addresses and dates of application. On behalf of its members the I.D.A. was instructed to oppose each



individual application for renewal where the applicant was not a chemist or druggist. Several prices for commodities not on the I.D.A. List, such as burgundy pitch, certain packed tablets and D. and P. work, were adopted for the area. The meeting thanked the chairman and Mr. Brendan Smith (organiser).

The Irish Chemists' Golfing Society held their second outing of the season at Baltray, co. Louth, on July 19. Mr. A. Maher, Drogheda, won the Kodak cup with a score of 73, while Mr. A. F. Roche, the popular secretary of the Society, secured the Horlick cup (all square). After luncheon the



SOME OF THE COMPETITORS AT BALTRAY ON JULY 19.

competitions were for the dressing case presented by P. Cahill & Co., and a silver and cut glass taltalus given by Ilford, Ltd. Mr. J. A. Patterson won the former with a score of 72, and the Selo prize went to Mr. J. J. Roche with a score of one down on bogey. The attendance included Messrs. A. F. Roche, J. J. Roche, E. MacManus, A. D. Davidson, R. White, B.

Smith, A. Maher, P. Larkin, P. Cahill, P. Fahy, A. W. Hughes, L. Clarke, P. Ryan, F. Roche, T. Langan, T. Bourke, J. Gubbins, P. Harwood, V. O'Hara, W. Webb, W. R. Suche, W. Magill, R. H. Davis, J. A. Patterson, R. Bates.

At a recent meeting of the Westmeath Federation of Pharmaceutical Chemists, Mr. J. M. Huban, M.P.S.I. (Athlone), in the chair, the following resolution was unanimously adopted, on the motion of Mr. Winckworth, Mullingar, seconded by the chairman: "That as the Irish Drug Association has made such good progress in their efforts to protect the chemists, and foreseeing that in the future a point of saturation must be reached, the Irish Drug Association call upon the Council of the Pharmaceutical Society of Ireland to take steps immediately to protect their own members and licentiates by the introduction of legislation on the proper lines." With regard to the Warble Fly Order it was decided that all chemists in the Federation area would stock a named brand of powder, and a scheme of co-operative advertising was drawn up and agreed to. The following motion was also unanimously adopted: "That Messrs. Boileau & Boyd are worthy of our best support, and deserve every commendation for their action in going on the I.D.A. Approved List."

## Scottish Notes

### Brevities

We are glad to learn that Mr. Alexander A. Dick, Bellshill, is slowly recovering from his illness.

Mr. D. Wylie, 262 Kirkton Avenue, Knightswood, Glasgow, has been appointed East Scottish representative of Robert Gibson & Sons, Ltd., Carlton Works, Manchester, in succession to Mr. Strang, resigned.

The premises of Charles Stewart & Son, chemists, High Street, Kirkcaldy, have been reconstructed internally. The dispensary has been removed to the back, and considerably more floor space is devoted to showcases and general display.

# Topical Reflections

By Xrayser

## The Paragraph

entitled "Shops in Hospitals (Rating)" (*C. & D.*, July 18, p. 74) contains matter for a good deal of thought. The transactions of what are virtually shops in welfare clinics mean, in total, a considerable loss to the chemists of the country. In these places, as is well known, foods are in many cases sold to all who ask for them no matter what their social status or means may be; in addition brushes, simple mixtures, camphorated oil and the like are handed out to those requiring them at prices just above cost. It is contended that the "profit" made on such transactions goes towards the expenses of running the clinic, and one of the objections met with is that the loss to the authorities would be considerable by such transference. Quite apart from the ethical considerations of this kind of municipal trading, I have always held that clinics actually lose money by doing what could be better done by the chemist and other shopkeepers. I suggest that chemists on welfare committees should keep pegging away at this question, and not rest till the maternity and child welfare clinics restrict their activities to the care of mother and child and leave the trading to those best fitted to conduct it. The recent success at Croydon, where by a small majority it was decided to hand over to chemists the supplying of welfare goods, should prove a stimulus to other chemists throughout the country.

## At the Council Meeting

of the Proprietary Articles Trade Association (your report of which is on p. 76) the question of supplies to staff organisations, that perennial subject, came up again for discussion and two rules bearing on it were amended in order to strengthen them. Of the wide prevalence of this practice there can be no possible doubt; it is fair to say that a big volume of business finds its way into these staff buying concerns, some of which are to all intents and purposes run as shops to which members of the public outside

the staff can gain admission and make purchases. The cure of this canker is in the hands of the wholesalers and the manufacturers. The evil can be prevented by these two bodies exercising more care in executing orders. I am afraid that too often orders on a wholesale scale are not scrutinised sufficiently carefully to make sure that they are sent in by *bona-fide* traders. One of the good effects of the Chemists' Friends scheme is already, and will be more so in the future, that goods on the list can only be sold to chemists. It is to be regretted also that, as stated in another paragraph of the report, retail chemists themselves have been found to be sources of supply to cutters. I believe this practice is fostered by the purchase by the retailer of big parcels of proprietaries at bonus rates. Such buyers, having stocks on their hands they cannot quickly dispose of, are sometimes tempted to dispose of them to those who are prepared to pay cash down and buy to cut or to supply to others who cut.

## The Report

of the Scottish Health Services (p. 78) pays a tribute to the National Health Insurance scheme and its suitability for the future development of the domiciliary medical services to dependants of insured persons. It is just because it is so suitable for this purpose on the score of economy, and ensures the employment of qualified dispensers, that it is likely to grow; and in the not far distant future it will probably be found that the greater part of the dispensing carried out by the pharmacist is at insurance rates. This matter is a serious one for the future of pharmacy, and the most careful attention should be paid to the question of dispensing fees, in view of the tendency, mentioned in the report, of municipalities to do their utmost to cut the cost of the service down to the bare "bones." I trust that pharmacists will, for obvious reasons, do all in their power to keep the possibility of raising dispensing fees for N.H.I. work always before them.



## Legal Reports

**Appeal Dismissed.**—At Dunfermline, on July 18, Sheriff Principal Fenton dismissed the appeal by Mrs. Jeanie Hunter McArthur or Lumsden, Glencairn, who claimed £250 damages from Lochgelly Equitable Co-operative Society, Ltd., for illness alleged to be caused through wrong dispensing of a prescription in the Society's drug department (*C. & D.*, June 20, p. 691). The Sheriff Principal upheld the decision of Sheriff Substitute Umpherston and awarded expenses to the defenders.

**Application Dismissed.**—In the Chancery Division of the High Court, London, on July 21, Mr. Justice Farwell heard an application by M. Joseph Lesquendieu to be added as a defendant to the counterclaim in a pending action by Parfumerie J. Lesquendieu v. J. Lesquendieu, Ltd., on the ground that his presence was essential if the question involved was to be effectively adjudicated. In effect the action is a sequel to a dispute between J. Lesquendieu, Ltd., and M. Joseph Lesquendieu which was tried by Mr. Justice Bennett and went to the Court of Appeal (*C. & D.*, 1935, I, 646). Mr. Kenneth Swan, K.C., on behalf of J. Lesquendieu, Ltd., opposed the application. He stated that immediately they were threatened by the Parfumerie Co. with proceedings they desisted from purchasing goods from M. Joseph Lesquendieu manufactured in England, as they were of opinion that under an agreement of April 1926 they were not entitled to do so without the consent of the Parfumerie Co. It was not their intention to fight the action brought against them by the Parfumerie Co., and they had only put in a counterclaim in order to ensure that the declaration asked for by the Court of Appeal that the consent of the Parfumerie Co. was necessary should be made. Mr. Cross, for M. Joseph Lesquendieu, contended that the Court of Appeal would be embarrassed if the point between him and J. Lesquendieu, Ltd., was not argued, and that he should be made a party. His lordship held that the presence of M. Joseph Lesquendieu was not necessary to enable the Court to decide the matter in dispute. The application, he added, was misconceived and would be dismissed with costs. Leave to appeal was granted.

**False Description.**—At Gravesend Police Court, on July 17, Ernest C. Cummings, Forest View Road, Manor Park, described as a job dealer, was charged, under the Merchandise Marks Act, 1887, with having sold goods to which the trade mark "Brylcreem" was falsely applied. Mr. G. H. Lloyd Jacob, barrister, prosecuted, and Mr. P. T. F. Smith appeared for the defendant. Mr. Lloyd Jacob said the case was brought under Section 2 (1) (b) and Section 2 (2) of the Act. The defendant had had on sale in the market of the town certain goods which purported to be Brylcreem hair lotion. A search warrant was issued, and on the defendant's premises fifty-nine empty Brylcreem bottles were found, together with some filled with a liquid other than Brylcreem. Evidence of purchase was given, and Detective-Sergeant J. Greatorix deposed to the execution of the search warrant. Mr. Thomas McLacian, F.I.C., public analyst of Westminster and Fulham, gave the results of his examination of genuine samples of Brylcreem and of some of the samples obtained from the defendant. After standing, there was no separation in the genuine samples, but a varying quantity of watery liquid was found at the bottom of the defendant's bottles. In every case he obtained anaerobic bacteria from the necks of the latter. The witness's analysis in each case was not read but was handed to the Bench. Dr. Hartley, police surgeon for Gravesend, gave evidence as to the potential danger of anaerobic bacteria, and stated that in his opinion the distribution of such bottles as some of those exhibited constituted a danger to the community. In reply to the chairman, the witness said that the only ingredient of an antiseptic character present was borax. Mr. Wilfrid Hill, managing director of the County Chemical Co., Ltd., stated that his company sold about 10,000,000 bottles of Brylcreem annually in this country alone, and spent £50,000 per annum in advertising. The greatest attention was paid to obtaining a perfect emulsion. Cross-examined, Mr. Hill said that the plant had been developed during a period of eight years: the present plant cost £1,000 per unit. The defendant, in the witness-box, stated that he bought up odd lots of stock and resold them in the market. He had been

going to Gravesend regularly for fifteen years. He could not trace where the goods in question came from, but he thought the Brylcreem was the genuine article. Cross-examined he said he bottled syrup of figs purchased in bulk. Bottles were all washed out and cleaned. In buying stuff from a dealer "you just take a glance at it and take your chance. . . . You do not open it to see if there is a bottle of Brylcreem or hair cream in it." Further questioned, the defendant said he knew nothing about manufacturing chemistry. Re-examined, he said the stuff he sold looked to him like Brylcreem. The defendant's solicitor addressed the Court, and the prosecuting counsel replied. After a retirement, the magistrates imposed a fine of £10, with £5 5s. costs.

## New Companies and Company News

**P.C. means Private Company and R.O. Registered Office**

**NAPIER CHEMICAL CO., LTD. (P.C.).**—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Solicitors: Reg. Clayton & Co., Radcliffe, Lancs.

**H. A. BROUGHTON & CO., LTD. (P.C.).**—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemicals, gases, drugs, etc. Solicitor: A. Coates, 106 Wellington Street, Leeds.

**H. A. PENNEY, LTD. (P.C.).**—Capital £10,000. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, toilet requisites, etc. R.O.: 3-5 Burlington Gardens, W.

**HILDRETH & CO., LTD. (P.C.).**—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in first-aid requisites, chemicals, drugs and medicines, etc. R.O.: 80 Cambridge Street, Birmingham.

**METAL & ELECTRO CHEMICAL PRODUCTS, LTD. (P.C.).**—Capital £500. Objects: To carry on the business of manufacturers of and dealers in chemical products, and in minerals, plant, machinery, etc. R.O.: 58 Victoria Street, S.W.1.

**COX AND ROBINSON, LTD. (P.C.).**—Capital £1,200. Objects: To adopt an agreement with E. J. Wickins, and to carry on the business of chemists, druggists, opticians, etc. Percy C. Phillpotts, 103 High Street, Stony Stratford, Director.

**EIETNA CHEMICAL PRODUCTS, LTD. (P.C.).**—Capital £1,000. Objects: To carry on the business of manufacturing chemists, etc. The first directors are to be appointed. Solicitors: Kenneth Brown Baker Baker, Essex House, Essex Street, W.C.2.

**VICTOR WOLF, LTD. (P.C.).**—Capital £15,000. Objects: To carry on the business of manufacturers of fatty acids, glycerine, oils, greases, soaps, chemicals, glues, waxes, pigments, etc. R.O.: Victoria Works, Croft Street, Clayton, Manchester.

**HULTON SOAP AND CHEMICAL CO., LTD. (P.C.).**—Capital £3,000. Objects: To carry on business as manufacturers of and dealers in soap, washing, cleansing and bleaching powders, manufacturing chemists, etc. Herbert S. Jones, 279 Wigan Road, Deane, Bolton, director.

**BIOCHEMIC RESEARCH PRODUCTS, LTD. (P.C.).**—Capital £5,000. Objects: To acquire the business of a manufacturer of tissue salts and biomedical, physiological and nutrient biochemical preparations now carried on by Wm. J. Webb at 10 Friars Street, Newport, Mon., as The Biochemical Research Laboratories.

**GRIFFITHS HUGHES PROPRIETARIES, LTD.**—For year to June 30, profits were £249,627, an increase of £2,047, and as foreshadowed by the board last May, the total distribution is being maintained at 17½ per cent., including 2½ per cent. bonus. Carry-forward raised from £518 to £6,770. Operating company's profits were £456,678, against £462,144 for previous year. After again placing £90,000 to reserve, paying



dividends of £253,354 as before, and providing for income tax, £17,016 was carried forward, against £16,912 last year.

**NURO (BIGGLESWADE), LTD.**—The statutory report states that the total of shares allotted was 700,000 (338,300 in part satisfaction of the purchase price of assets acquired by company from vendors—N.F.X., Ltd.—and upon each of the remaining shares 5s. paid in cash). Total received in respect of shares allotted wholly for cash is £90,425. Receipts to July 4: In respect of 361,700 shares £90,425, trading receipts £3,307, making £93,733. Payments: Vendors for part purchase consideration of assets £30,425, preliminary expenses £5,692, underwriting £5,000, further plant, machinery, and fixtures £3,095, trading payments £15,037, at bank and in hand £34,482. In a statement accompanying the report the directors record good progress.

### Private Arrangement

**Cedric Morton Owens, Conrad Morton Owens and Godfrey Morton Owens**, trading as T. O. Owens & Sons, 126 Oldham Road, Manchester, chemists and opticians. The creditors herein were called together recently at Manchester, when the statement of affairs showed ranking liabilities of £1,116 4s. 9d. According to the books the assets amounted to £1,246 9s. 7d., and they were estimated to realise £997 4s. 7d. From the latter amount had to be deducted £250 10s. for preferential claims, leaving net assets of £746 14s. 7d., or a deficiency of £369 10s. 2d. The business was commenced about twenty-eight years ago by the late Mr. T. M. Owens, and passed to the debtors, his three sons, at the time of his death in February, 1933. There was then a surplus of assets over liabilities of £348. During the year to February 12, 1934, the turnover was £2,050, with a net profit of £217, and in the following twelve months there was a net profit of £316, on sales of £1,986. During the year to February 12 last the turnover increased to £2,132, and there was a net profit of £277. During the first two years referred to the gross profit was at the rate of 48 per cent., but during last year it fell to 44 per cent. It was stated that the assets had been taken on a going concern basis and a tentative offer for the purchase of the business had already been received. Should the negotiations be satisfactorily completed it was hoped that a sum in the region of £1,000 would be obtained. A resolution was passed confirming the deed of assignment already executed to Mr. C. E. Rogerson, I.A., of Manchester. A committee was also appointed.

### Voluntary Liquidation

**Virginia's Hollywood Preparations, Ltd.**, 181 Gresham Road, Trading Estate, Slough, manufacturers of beauty preparations. The statutory meeting of creditors of the above was held recently at 209 Abbey House, Victoria Street, London, S.W., when Mrs. Virginia de la Torre, a director of the company, presided, and said that the shareholders had already met and passed the usual resolution for voluntary liquidation with Mr. H. W. Payne as liquidator. Mr. Payne was also appointed receiver on behalf of the debenture holders. A statement of affairs was submitted which showed liabilities of £4,994 17s. 9d., made up as follows: Issued capital, £1,220 1s.; debentures and interest, £507 15s. 3d.; trade creditors, £2,184 4s. 2d.; loan creditors, £596 9s. 6d.; bankers, £228 17s. 2d.; and preferential and enforceable debts, £257 10s. 8d. The assets totalled £1,201 18s. 3d., or a total deficiency of £3,792 19s. 6d. The chairman said that the directors had experienced great difficulty in establishing a new business such as they had carried on, and it was found that a considerable amount of capital was required. A large proportion of the money had gone in wages for distributors who had visited the large stores all over England in order to try and sell their products. Although the turnover was approximately £80 a week, the wages to obtain this figure amounted to something like £50 weekly. The receiver had sold the assets of the company for £900, and after the debenture holder had been satisfied, together with the preferential creditors, it was doubtful whether there would be anything left for the unsecured trade creditors. No resolutions were passed by the creditors, and the matter therefore remains in the hands of Mr. Payne, as liquidator of the company.

## Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### ENGLAND AND WALES

**Middlesex.**—At a meeting of the Middlesex Pharmaceutical Committee, on July 15, there arose the annual election of officers. Owing to the absence of the secretary, Mr. Hugo Wolff, on holiday, Mr. Herbert Skinner had consented to carry on the secretarial duties for July. The regrettable illness which overtook Mr. Wolff just before his holiday was to begin raised the question of change in the officers. After discussion, Mr. C. E. Goode consented to continue in office as *Chairman*, making his fourth year in succession, and Mr. Edkins consented to remain as *Vice-Chairman*. Mr. Wolff was re-elected *Secretary*, and Mr. Skinner agreed to carry on as honorary acting secretary for Mr. Wolff during the ensuing six months, when it is hoped he may be restored to health. A resolution of sympathy with Mr. and Mrs. Wolff was passed. The prescription figures for April were 249,386 and in May 249,268, both showing marked increases over the corresponding dates in 1935. The April total cost was £534 higher, while the increase in May was £1,033. The comparative cost per insured person was the same in April as previously, but in May it was 0.2d. higher. Consideration was given to certain costly items, and the chairman and acting secretary were authorised to raise the subject whenever a suitable occasion arose. It was the unanimous wish of the Committee that chemists in the county having N.H.I. difficulties should not try to communicate with Mr. Wolff, but get in touch with the local members of the Committee as set out in the recent annual report or with Mr. Herbert Skinner, 39 Summerlee Gardens, N.2 (Telephone: Tudor 3371).

**Surrey.**—The annual report of the Pharmaceutical Committee for the year ended June 30 states that the number of prescriptions dispensed during the period was 1,184,390 at a total cost of £42,665. The corresponding figures for the year 1925 were 667,058 and £22,717, and for the year 1930 812,162 and £28,370. The Ministry of Health has ordered the taking of 143 samples of drugs and appliances in the area per annum, an increase of forty-one. Items disallowed comprise Leduc tube, peptonising powders and an eyeshade. The report states that the financial results of the dispensing for the first three months of the present year "do not appear too hopeful."

**Worcestershire.**—At a meeting of the county Pharmaceutical Committee held on July 2, communications from the Ministry and the county Insurance Committee with regard to the proposed reallocation in the number of tests to be taken were considered. The number of tests taken in 1935 was thirty-two, and in 1934 thirty-three. The Ministry's suggestion, if adopted, would necessitate forty-one tests, an increase of nine over the number taken in 1935. Of the 200 on the panel approximately half came under the testing scheme of other committees. It was agreed that in view of the excellent results in the past such an increase in the number of tests was not warranted or necessary, and that the increase in the number of the internal panel would more than be met by an increase of three tests, making the total thirty-five for 1936; this would be recommended to the Ministry and Insurance Committee. The N.P.U. letter stating that 10 per cent. would be deducted from the fees for the time being was considered. It was agreed that the position was not satisfactory and that an effort should at once be made to bring the cost of prescribing within the amount allotted for medicines. It was pointed out that with a limited fund they could not, in fairness to the panel chemist, have unlimited prescribing. Proprietaries should be more rigorously limited, and in no case where there was a B.P. or B.P.C. equivalent should the prescribing of such be allowed. Mr. A. S. Price moved: "That a strong protest be made to the N.P.U. and that the Union be asked to scrutinise the prescribing in all those areas in which the costs for the first four months had exceeded one-third of the annual amount allotted per insured person, namely, 2s. 11d." This was unanimously agreed to. A report showed that during 1935 thirty-two samples of drugs and appliances were taken, thirty of which were satisfactory. In the two remaining cases, after hearing the chemist's explanation, the Committee had recommended that no further action be taken, and this had been accepted by the Ministry.



# Pharmaceutical Society of Ireland

## Council Meeting

THE monthly meeting of the Council was held on July 14, the president (Mr. J. F. Costello) in the chair. Other members of the Council present were Messrs. J. A. O'Rourke, F. J. Fitzpatrick, Dr. J. A. Mitchell, Sir Thomas Robinson, Messrs. M. J. Kieran, P. Brooke Kelly, K. Whelehan, B. Hickey, M. J. Parkes, J. Gleeson, J. T. Dwyer, C. Cremen, and P. C. Cahill. Apologies for inability to attend were received from Messrs. P. J. Fielding, D. Warwick, D. W. P. Boyd and Miss Flood.

### RESIGNATION OF MR. T. J. SMITH

The following letter was received from Mr. T. J. Smith:—"I would be grateful to have my resignation from the Council placed before the president and Council at the meeting on the 14th inst. I would like to be relieved of the responsibility, as owing to my other activities I do not feel I can devote sufficient time to Council work. Under the circumstances it is only fair to afford the Council an opportunity to co-opt a member capable of taking a more active interest in its work."

THE PRESIDENT: I am very sorry we have Mr. Smith's resignation. He was a very useful member here.

In reply to Sir Thomas Robinson, THE REGISTRAR (Mr. J. J. Kerr) said Mr. Smith was due to retire this year. Mr. Smith, he added, felt his membership of the Council imposed a strain on his health, in view of his other work, but he would always be available for advice.

### CORRESPONDENCE

Mr. John J. Gaynor, law adviser, wrote reporting the result of the recent prosecutions against Mr. D. A. Dolan, M.P.S.I., Dublin (C. & D., July 4, p. 5).

The following letter was read from Mr. N. N. MacCarthy, chief executive officer of the Dun Laoghaire Borough Vocational Education Committee:—"The above Committee propose holding science classes in the Blackrock Technical Institute during the coming session. The classes will be conducted by Mr. T. Gormley, A.R.C.Sc.I., who formerly conducted similar classes in Dundalk Technical School. The Committee would feel obliged if you would let them know if the Pharmaceutical Society are prepared to recognise Blackrock Technical Institute as a training centre for chemists in theoretical chemistry."

The registrar was directed to reply that the Council did not see their way to recognise the classes suggested, in view of the facilities already available to students.

### REGISTRATION ITEMS

Mr. Isaac M. Fisher, 11 Waring Street, Belfast, wrote requesting to be restored to the Register of Pharmaceutical Chemists. The application was granted.

The following changes of address were notified:—Mr. M. J. Cogan, M.P.S.I., from The Drug Stores, Ltd., St. Mary Street, to O'Connell Street, Dungarvan. Mr. R. Daly, M.P.S.I., Asst., from 2 Main Street, Midleton, co. Cork, to Medical Hall, Swinford, co. Mayo. Mr. R. L. Hanna, M.P.S.I., from 8 Terenure Road East, to Clonkeen Pharmacy, Clonkeen Road, Dean's Grange, Dublin. Mr. M. Smith, M.P.S.I., Asst., from 124 Grace Park Road, Drumcondra, to 151 Mobhi Road, Glasnevin. Mr. E. Breen, L.P.S.I., from Byrne's Medical Hall, Arklow, to Maryborough, Leix. Miss J. Lawson, L.P.S.I., from Tullow, co. Carlow, to 26 Cabra Road, Dublin. Mr. Patrick Hickey, Asst., from Fortreen, Rossmore, to "Toureen," Rossmore, Goold's Cross, co. Tipperary. Mr. J. W. Magee, Asst., from 27 Pearse Street, Mullingar, to 11 Wellington Place, Clyde Road, Dublin. Mr. J. J. O'Regan, Asst., from 11 Fernside Villas, Summerhill, to 5 Sullivan's Quay, Cork.

Messrs. D. J. Duane, Shane O'Neill Sinnott, and Michael Soden, who submitted Matriculation certificates, were granted Preliminary registration.

### REPORTS FROM COMMITTEES

The House Committee's report was submitted and approved. Arising out of the Law Committee's report, which was adopted, a lengthy discussion took place with regard to breaches of the poison law and Pharmacy Acts, through the illegal sale of certain proprietaries containing scheduled

poisons, e.g., aconite, codeine, ephedrine, veratrine, and other poisonous alkaloids.

Mr. PARKES suggested that a list of such proprietaries and preparations should be compiled and published in the trade Press.

Mr. KIERNAN said he approved of the suggestion, but it should be made clear that the list only mentioned a few and not all the scheduled preparations.

The Council agreed that effect should be given to the suggestion.

On consideration of the Schools Committee's report, which was approved, Mr. Brooke Kelly submitted a lengthy report recommending important changes in the curriculum of the School of Chemistry.

Mr. CAHILL suggested that copies of the report be circulated to the members of the Council.

This course was agreed to, and consideration of the report adjourned.

### DEATHS

The registrar reported on the deaths of Messrs. A. Gibson, L.P.S.I., P. O'Neill, L.P.S.I., F. McGrath, R.D., and A. P. Wallace, L.P.S.I.

### ELECTIONS AND NOMINATIONS

The following were elected to membership of the Society:—Messrs. D. W. Bleakley, 20 Terenure Road East, Rathgar; R. L. Hanna, Clonkeen Pharmacy, Dean's Grange, co. Dublin; J. A. Hurson, 71 Talbot Street, Dublin; C. J. Staunton, 61 Sandford Road, Ranelagh.

The following were nominated for membership:—Mrs. I. N. Coen, Parliament Street, Ennistymon, co. Clare; Mr. J. A. Cronhelm, 13 Warrington Place, Dublin; Mr. Richard Daly, Medical Hall, Swinford; Miss M. A. Flynn, 22 Morehampton Road, Dublin; Mr. J. O'Beirne, M.B., Henry Street, Galway; Mr. F. Crowley, 5 St. Patrick's Terrace, Magazine Road, Cork; Mr. S. Coleman, McGrath's Medical Hall, Bandon, co. Cork.

### A MODIFIED PRELIMINARY EXAMINATION SUGGESTED

At the conclusion of the business on the agenda SIR THOMAS ROBINSON said he would like to raise the question whether something could be done for many of the older assistants in pharmacy who had never passed the Preliminary examination. There were many of these assistants taken on by chemists in country places who attached no importance to the "Prelim." Many of these men, whom he knew to be excellent assistants, were too old now to study for the full examination. Many of them were up to forty or fifty years of age, and some were married. He would like to know if there was any power under their Act by which a special modified Preliminary examination could be set for these men in general education, including such subjects as reading, writing, and arithmetic. With such an examination it might be possible to allow them to sit subsequently for an Assistants' examination. Perhaps the registrar could say if the law would allow them to do as he suggested.

THE REGISTRAR: It could not happen under the present Regulations.

SIR THOMAS ROBINSON explained that he did not intend these men should proceed beyond the Assistants' qualification, under those conditions.

Mr. O'ROURKE: If you make them assistants you cannot prevent these men doing the Licence examination.

Further consideration of the matter was adjourned.

### SYSTEM OF ELECTION

THE PRESIDENT said he wished to raise the question of the system adopted in connexion with the election of members to the Council. Representations had been made to him personally, and by letter, that there was a danger of voting papers being lost under the present system, owing to the fact that the papers sent out were not numbered nor printed.

THE REGISTRAR explained that the ballot was secret, but if the papers were numbered that secrecy would be destroyed.

After further discussion it was agreed that the House Committee consider the issues raised.



# Pharmaceutical Society of Northern Ireland

## Council Meeting

THE monthly meeting of the Council was held on July 17 in the Society's offices, 73 University Street, Belfast, the president (Mr. W. S. Taylor) in the chair. There were also present Messrs. Samuel Gibson (vice-president), J. E. Connor, S. S. Badger, R. I. Edwards, W. C. Tate, W. Martin, J. T. Nicholl, J. W. Gray, James McDowell, Charles Abernethy and Professor Mayrs. Apologies for absence were received from Professor Small and Messrs. James Glendinning, S. H. Forrest, H. F. Moore, J. F. Grimes, and Dr. S. E. A. Acheson. Mr. David L. Kirkpatrick (secretary) was in attendance.

### CORRESPONDENCE

A letter was read from the Fairchild Scholarship trustees and Fairchild Bros. & Foster thanking the Council for providing accommodation for the examination at the headquarters on June 17.

The Londonderry Chemists' and Druggists' Association wrote inviting the Council to hold its September meeting in Londonderry and suggesting September 17 as the date instead of September 18. It was agreed, on the motion of Mr. ABERNETHY, to accept the invitation.

A letter was read from the Lord Mayor of Belfast bringing the King George National Memorial Fund to the notice of the Council.

MR. ABERNETHY proposed that twenty guineas be given. MR. BADGER seconded the motion, which was supported by MR. EDWARDS and THE PRESIDENT and passed unanimously.

### REPORTS FROM EXAMINERS

The Secretary read the following reports from the examiners at the June examinations:—

"*Physics, Final, Part 1.*—The average standard of answering was again not high, but some of the papers were amongst the best that I have received in the Society's examinations. In the theory paper candidates gave in answers chosen from the whole of the paper, there being now definitely no tendency to avoid the electrical questions. The only mistake which recurred in many papers was the statement, or implication, that the ions in a conducting solution such as that of copper sulphate in water do not exist until the current passes, i.e., the current itself produces them from undissociated molecules. In the practical work many candidates showed themselves to be very weak in optics; whilst most candidates had no difficulty in finding pairs of conjugate points with the convex lens or concave mirror supplied, many of them were unable to calculate correctly the focal length from object and image distances. Apart from this, I think there is a definite improvement in the way in which candidates do their practical work.—K. G. EMELEUS."

"*Chemistry, Final, Part 1.*—(a) *Theory.*—The answering of the questions in theory was of a low standard; forty candidates, out of a total of sixty, failed to come up to the 50 per cent. mark. Of these candidates who failed, six were very bad. . . . The paper set was of little above Matriculation standard, and the performance of the work should have been better. Of the candidates who scored above 50 per cent. six were very good and the remaining fourteen good.

"(b) *Practical.*—The work of the practical examination was better than the answering in theory, thirty-three candidates passing the 50 per cent. mark as compared with twenty in theory. The quantitative work has improved; on the other hand the qualitative work has deteriorated.

"*Final, Part 2.*—(a) *Theory.*—The answering was of good quality, twenty-three out of the thirty-seven candidates getting above the pass mark. Twelve of these candidates scored above 60 per cent. Of the fourteen failures, ten scored above the 29 per cent. mark. The four remaining candidates showed a very scanty knowledge of organic chemistry. . . .

"(b) *Practical.*—The practical work was disappointing, only fourteen candidates getting above the 50 per cent. mark. Of those who passed, however, ten were of high quality. Quantitative work seems to be the stumbling-block of the majority of the candidates.—H. GRAHAM."

"*Botany.*—The questions in the theory paper were specific and particular rather than general, with the result that the lack of accurate knowledge was more conspicuous than usual, and many candidates were unable to attempt more than three or four instead of five questions out of eight. The answers in the practical section were somewhat better, but the microscopy was on the whole very much weaker than usual.—JAMES SMALL."

"*Pharmacognosy.*—The answers were on the whole reasonably good, with some very good answer-papers both in theory and practical.—JAMES SMALL."

"*Pharmacy and Practical Pharmacy.*—The answers given to the written questions in each section of the paper reached a fair standard of accuracy. The main fault which still persists is an unnecessary 'wordiness,' which in many cases often obscures a good answer. The practical work was of average quality, in one or two instances outstanding both as to quality and quantity. Neatness and dexterity, calmness and self-possession, qualities so essential in a good compounder, I should like to find more thoroughly cultivated and practised.—THEO. HARPER."

"*Business Methods.*—I have to report that I examined forty-eight candidates in the subject of business methods at the examination held last month. I have already supplied you with a detailed schedule of the results of my marking, and the following is a summary:—Total possible marks, 4,500; total obtained, 2,476; percentage obtained, 55.0. I may add that viva-voce examinations were given to all doubtful candidates.—E. BOYD HARRIS."

THE PRESIDENT said an average of 51 per cent. in the business methods was excellent. The papers had been fairly stiff.

THE SECRETARY said copies of the reports would be sent to the Municipal College of Technology. They could be discussed at the next meeting of the Education Committee.

The date of the meeting was left in the secretary's hands, and it was arranged that copies of the reports be sent to each member of the Committee.

### CHANGES OF ADDRESS

Arising out of a question by Mr. Tate, THE SECRETARY said it was the duty of members to notify change of address.

### BRITISH PHARMACEUTICAL CONFERENCE

THE PRESIDENT, reporting on the Bournemouth Conference meeting, said they had a very pleasant time. The Committee was most efficient, and everything was carried out very thoroughly. The arrangements for the excursions and science meetings were perfect, and the Bournemouth Committee paid them every attention. The weather was excellent.

MR. CONNOR said it was a very good Conference. The ladies' committee was excellent and went out of its way to look after the bachelors. (Laughter.) He endorsed all the president had said.

MR. GIBSON also supported the president's observations. From the Mayor down everyone did their best to make them welcome. The Irish contingent got a very special welcome.

MR. TATE, MR. MARTIN and MR. GRAY also expressed their appreciation of the arrangements.

### MEMBERS ELECTED

On the motion of MR. GRAY, seconded by MR. McDOWELL, the following nominated candidates were elected as members of the Society:—Miss Annie Finnegan, Rosemount, Norfolk Drive, Belfast; Eugene P. Collins, 213 Shirland Road, London, W.9; William A. Beggs, 10 Eia Street, Belfast; Robert J. F. Sanderson, 30 Botanic Avenue, Belfast; William Browne, 3 Varyan Gardens, Whitewell, Belfast; Thomas Nelson, Castlehill, Rathfriland, co. Down.

### Presentation of Certificates

At the close of the monthly meeting of the Council the successful candidates at the recent final examinations of the Society were presented with their certificates by the president.

THE SECRETARY said twelve of the seventeen new pharmaceutical chemists were unable to be present, as they were doing locum work.

THE PRESIDENT extended a welcome to the five gentlemen present and congratulated them. They had got through creditably, and he wished them all success.

Certificates were then presented amid applause to the following:—Messrs. W. A. Beggs, W. B. Hewitt, W. H. Poulter, N. Sanderson, R. E. Young.



# Characters and Containers for Poisons

ONE of the notable results of the new poisons law is the way the word poison is avoided with unscheduled internal medicines. In the case of the container of a poison, Rule 22 (1) (b) renders the use of a poison bottle compulsory (except export and analytical reagents) for any liquid poison other than "a medicine made up ready to be taken for the internal treatment of human ailments." Consequently, conjoining "Poison" label and "Poison" bottle proffers a convenient mode of simplifying compliance with statutory requirements. The following tabulation shows that there are few exceptions to the dual requirement of poison bottle and label in the case of liquids, and that the combined procedure is preferable in the case of solids. As regards Section 19, dispensed or prescribed medicines, the supplier can exercise his discretion as to use of poison bottle or poison label, but the "additional words" of Rule 20 apply to external medicines as shown below.

It must be emphasised that the term "additional words" includes any labelling conditions superimposed upon the other provisions of the Act and Rules. The attention of manufacturers is directed to the special notice and warning of Rule 14 (2) in connection with Fifth Schedule poisons (sheep-dips and insecticides). The statement of proportion of poisons as a percentage entails additional words (w/w, w/v, or v/v) under Rule 18 (5).

[Note that alternative ways of labelling apply to Second Schedule (industrial) poisons (Rule 5 (2) (b) and to hospital medicines (Rule 26 and Rule 27).]

It is immaterial whether the poison is Scheduled or Unscheduled so far as Section 19 labelling and poison bottle requirements are concerned (but, of course, Dangerous Drugs and Restricted Drugs cannot be supplied thereunder except by duly qualified medical practitioners or by authorised sellers of poisons upon a prescription). The Section 19 exemption is particularly useful when it is desirable to avoid the compulsory use of certain restrictions. For example, when liq. sod. phenat. co. B.P.C. is sold as a mouth wash under Section 18 it must be labelled "Poison. For external use only" (though "Poison. Not to be taken"

would be more applicable) and a poison bottle has to be used. Describing a mouth wash as an external application will not be understood by the purchaser who regards the preparation as an innocuous antiseptic and prophylactic. Much explanation is avoided by supplying as a Section 19 internal medicine with entry in prescription-book. By adding dosage in the form of directions for use it then suffices to label as the "Mouth wash" and supply in a plain bottle (omitting both the name and proportion of the poison). First Schedule poisons (such as "Stimulating Hair Lotion" containing cantharidin in excess of 1 in 10,000) are also preferably supplied under the Section 19 exemption, as the formalities involved in obtaining the purchaser's signature are apt to alarm the customer unnecessarily. In this case the hair lotion should be labelled "Poison. For external use only," and supplied in a poison bottle (though the use of either poison bottle or poison label is not compulsory). Prepacked poisons (such as S.I., Ex. D.D., camphorated linctus of diamorphine) can be supplied as Section 19 medicines provided that the prescription-book entry (e.g., Linct. diamorph. camph., B.P.C., §iv) identifies all the ingredients. This may be simply labelled "Cough Linctus," and with name and address of seller (direction and warning as to dosage should be added, though not essential).

The Section 19 exemption is to enable responsible persons (physicians and pharmacists) to supply efficient, but poisonous, remedies, without notifying the patient or customer of their character. Abuse by self-medication is prevented by non-disclosure. Hence it is to the advantage of prescriber and patient not to name the preparation in order to stop "repeats" being obtained *ad lib.* elsewhere.

Discretion in using poison label and poison bottle naturally implies plain label and bottles for an internal medicine. The use of (red) "poison" label and "poison" bottle is preferable for a First Schedule external medicine (such as A.B.C. Liniment), being optional under Section 19 and compulsory under Section 18 or 20. In fact, conjoining the use of "poison" label with "poison" bottle is an automatic safeguard in ensuring compliance with statutory requirements.

PREScribed CHARACTER AND REQUIRED CONTAINER FOR SALE OF POISON (EXCEPT EXPORT) BY RETAIL UNDER SECTION 18, OR WHOLESALE UNDER SECTION 20, AND SUPPLY OF EXTERNAL MEDICINES UNDER SECTION 19.

## LIQUIDS

First Schedule :	*Indication of Character :	Required Container (if 120 fl. oz. or less) :
Non-medical ... ..	<b>Poison Not to be taken</b> ... ..	Poison bottle (except analytical reagents)
Medicines, animal (made up) ... ..	<b>Poison For animal treatment only</b> ... ..	Poison bottle
Medicines :		
External ... ..	<b>Poison For external use only, and Name of Article</b>	Poison bottle
External (Dispensed or Compounded under Section 19 exemption)	For external use only, Name of Article ("Liniment" or "Lotion," etc.)	Optional
Internal, <i>not</i> made up ... ..	<b>Poison</b> ... ..	Poison bottle
Internal, made up ready for use ... ..	<b>Poison</b> ... ..	Plain bottle preferable
Unscheduled (not in First Schedule or exempted therefrom) :		
Non-medical (except hair dyes and caustics)	<b>Poison Not to be taken</b> ... ..	Poison bottle
Hair dye ... ..	Caution This preparation may cause serious inflammation of the skin in certain persons and should be used only in accordance with expert advice	Poison bottle
Caustic alkali ... ..	Caution This substance is caustic	Poison bottle
Medicines, animal (made up) ... ..	<b>Poison For animal treatment only</b> ... ..	Poison bottle
Medicines :		
External ... ..	<b>Poison For external use only</b> ... ..	Poison bottle
External (Dispensed or Compounded under Section 19 exemption)	For external use only, and name of article ("Liniment" or "Lotion," etc.)	Optional
Internal, <i>not</i> made up ... ..	<b>Poison</b> ... ..	Poison bottle
Internal, made up ready for human use ... ..	Caution It is dangerous to exceed the stated dose (except Sch. 7 (1) poisons)	Plain bottle preferable

## SOLIDS

First Schedule :	*Indication of Character :	Required Container (if 120 fl. oz. or less) :
Non-medical ... ..	<b>Poison</b> ... ..	Optional, but poison bottle preferable
Medicinal ... ..	<b>Poison</b> ... ..	Optional, but poison bottle preferable
Medicines, animal (made up) ... ..	<b>Poison For animal treatment only</b> ... ..	Optional, but poison bottle preferable
Unscheduled (not in First Schedule or exempted therefrom) :		
Non-medical (except caustics) ... ..	<b>Poison</b> ... ..	Optional
Caustic alkali ... ..	Caution This substance is caustic	Optional
Medicines, animal (made up) ... ..	<b>Poison For animal treatment only</b> ... ..	Poison bottle preferable
Medicines (except human medicines made up ready for internal use)	<b>Poison</b> ... ..	Optional
Made up human (internal) medicines ... ..	Caution It is dangerous to exceed the stated dose (except Sch. 7 (1) poisons)	Plain bottle preferable

\* Character to be on separate label; or in frame containing only words required by the Act or Rules.

Black type = Words to be in red or on red background.



# A Poisons Labelling System

i	Name of poisonous product	i	ANODYNE LINIMENT	i	THE LINIMENT	i	LINIMENTUM ANODYNUM (Anodyne Liniment)
ii	Name of Poison	ii	Contains Tinct. Opii, B.P.			ii	Contains Tinct. Opii, B.P.
iii	Proportion of Poison	iii	3 in 16 v/v			iii	3 in 16 (18.8% v/v)
iv	Word "POISON" or other prescribed indication of character	iv	<b>POISON</b>			iv	<b>POISON</b>
v	Additional words	v	<b>For external use only</b>	v	<b>For external use only</b>	v	<b>For external use only</b>
vi	Name of seller	vi	W. REID, Chemist	vi	W. REID, Chemist	vi	DAYS, LTD., Manufacturing Chemists and Wholesale Druggists
vii	Address of Premises	vii	15, BROADWAY, CHILSEA	vii	15, BROADWAY, CHILSEA	vii	RIVERSIDE WHARF, WATERTON
		Retail Sale (Section 18)		Supply as Medicine (Section 19)		Wholesale dealing (Section 20)	

IN a systematic attack on any problem relating to the labelling of poisons, the main point is to remember that there are seven possible statutory requirements to be dealt with, viz.: (i) Name of poisonous product; (ii) Name of poison; (iii) Proportion of poison (or equivalent letters B.P. or B.P.C.); (iv) Indication of Character; (v) Additional Words; (vi) Name of Seller; and (vii) Address of premises. Circumstances may reduce these (e.g. to four when "Name" of product and poison is the same, no proportion is necessary for an "entire" poison, and there are no additional words). Nevertheless the required particulars remain seven in effect and dealing with each example on this sevenfold basis makes it easy to co-ordinate specific requirements and in addition enables the chemist to identify the labelling provisions under their various designations in the Pharmacy and Poisons Act

and the Poisons Rules. The four examples illustrate the application of the labelling system (i) to (vii) as above) to Section 18, 19 and 20 labels respectively. The minimum requirements for a prescribed medicine are two (vi) and (vii) but the *questionnaire* is necessary to prevent omission of (i) and (v).

Of the seven general requirements illustrated above (iv) and (v) represent a combination which changes with the nature of the poisonous article. This has to be determined first of all (see opposite and below) and the rest is simple, (i), (ii) and (iii) being specific for the poisonous article and (vi) and (vii) invariable for the particular business. The central position of (iv) within a frame (which may include any other statutory words) symbolises that this is the controlling factor in labelling procedure.

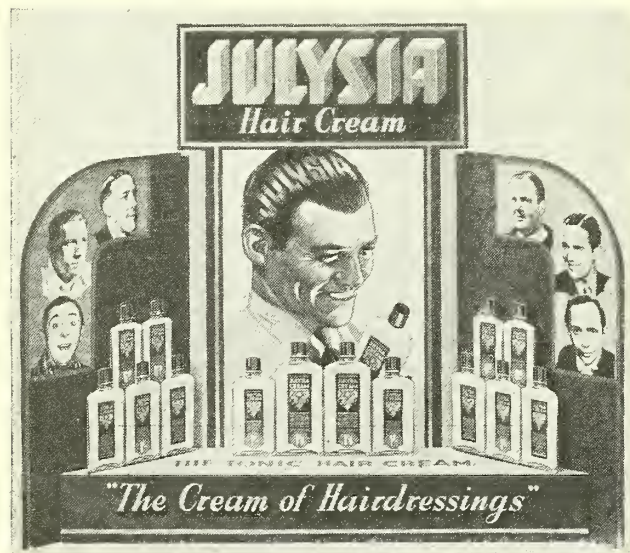
Form of Poison	Class of Poison	Indicated Character with Additional Words *
Aceta ... (Vinegars).	<b>S.1 (5 or 6)</b> ... P.I (10) ...	<b>Poison. Not to be taken.</b> Poison. Not to be taken.
Acida ... (Acids).	<b>S.1 (4, 5 or 6)</b> ... P.I or P.II (8, 9 or 10)	<b>Poison.</b> If a liquid add: Poison. Not to be taken.
Ampullæ ... (Ampoules).	<b>S.1 (5 or 6)</b> ... P.I (13) ... (except Sch. 7 (1)).	<b>Poison.</b> Caution. It is dangerous to exceed the stated dose.
Capsulæ ... (Capsules).	P.I (13) ... (Sch. 7 (1)).	Caution. It is dangerous to take this preparation except under medical supervision.
Collunaria ... (Nasal douches).	...	As ampullæ.
Collutoria ... (Mouth washes).	...	As lotiones.
Collyria ... (Eye lotions).	...	As gargarismata.
Depilatoria ... (Depilatories).	<b>S.1 (8)</b> ...	As lotiones.
Elixir ... (Elixirs).	...	<b>Poison.</b>
Embrocations ... (Embrocations).	...	As misturæ.
Emplastra ... (Plasters).	<b>S.1 (5 or 6)</b> ... P.I (9 or 10) ... P.I (machine-spread)	As lotiones.
Extracta ... (Extracta).	<b>S.1 (5 or 6)</b> ... P.I (9 or 10) ...	<b>Poison.</b> If a liquid add: Poison. Not to be taken.
Gargarismata ... (Gargles).	P.I or P.II (12, not ready for use) ... P.I or P.II (13, made up ready for use, and to be swallowed)	<b>Poison.</b> For external use only. Caution. It is dangerous to exceed the stated dose.
Guttæ ... (Drops).	<b>S.1 (6, internal)</b> ... P.I (13, internal)	<b>Poison.</b> Caution. It is dangerous to exceed the stated dose.
Guttæ pro auribus	...	As lotiones.

Form of Poison	Class of Poison	Indicated Character with Additional Words
Guttæ pro oculis	...	As lotiones.
Haustus ... (Draughts).	...	As misturæ.
Lamellæ ... (Eye discs).	...	As tabellæ.
Linimenta ... (Linimenta).	...	As lotiones.
Lotiones ... (Lotions).	<b>S.1 (5 or 6)</b> ... P.I or P.II. (12) ...	<b>Poison. For external use only.</b> Poison. For external use only.
Misturæ ... (Mixtures).	<b>S.1 (5 or 6)</b> ... P.I or P.II (10; or conc.)	<b>Poison.</b> Poison.
Nebulæ ... (Sprays).	P.I or P.II (13, ready for use).	Caution. It is dangerous to exceed the stated dose.
Pastilli ... (Pills).	<b>S.1 (5 or 6)</b> ... P.I or P.II. (9 or 10)	<b>Poison. Not to be taken.</b> Poison. Not to be taken.
Pessæ ... (Paints).	...	As tabellæ.
Pigmenta ... (Pills).	...	As tabellæ.
Pilulæ ... (Pills).	...	As tabellæ.
Suppositoria ... (Suppositories).	...	As tabellæ.
Syrupi ... (Syrups).	...	As misturæ.
Tabellæ ... (Tablets)	<b>S.1 (5 or 6)</b> ... P.I or P.II (9 or 10 in bulk, i.e., not made up) P.I or P.II (13, internal made - up medicines)	<b>Poison.</b> Poison.
Trochisci ... (Lozenges).	...	Caution. It is dangerous to exceed the stated dose.
Unguenta ... (Ointments).	<b>S.1 (5 or 6)</b> ... P.I or P.II (9 or 10)	As tabellæ.
Vapores ... (Inhalations).	...	<b>Poison.</b> Poison.
		As nebulæ.



## Trade Notes

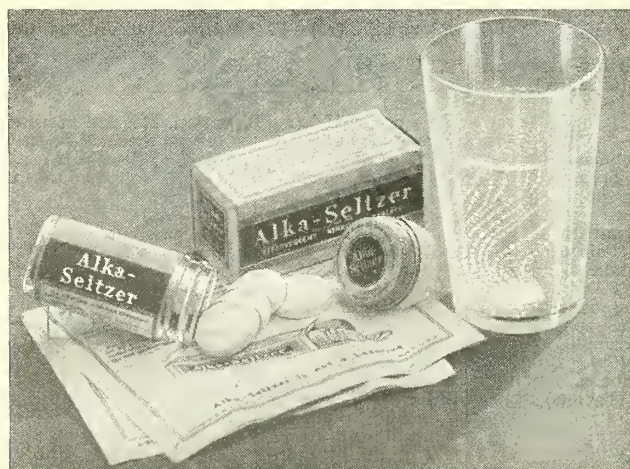
**JULYSIA CREAM.**—Illustrated herewith is the handsome new coloured window-display stand issued by Jules Freres, Ltd., 154-164 Walworth Road, London, S.E.17, to advertise Julysia



cream. Attractive bonus terms are offered for this product, details of which were given in last week's issue. The window show measures three feet by two-and-a-half feet. Applications for this sales aid are invited.

**HOT-WATER BOTTLES.**—It is not too early to consider supplies of hot-water bottles for the autumn and winter trade. The North British Rubber Co., Ltd., 204-208 Tottenham Court Road, London, W.1, are advertising a series of four exclusive to the chemists' trade. Full details are given elsewhere in this issue.—The Leyland & Birmingham Rubber Co., Ltd., Leyland, Lancs., announce a bonus offer of Pharnal nursery hot-water bottles up to August 31. Full details of the scheme are given elsewhere in this issue.

**ALKA-SELTZER** effervescent alkalising and analgesic tablets make their first appearance on the British market. These tablets, added to water, make a sparkling beverage which has an analgesic and alkalising effect. They differ from ordinary



salines in that they are of value in acidosis which results from hyper-acidity or hypo-alkalinity of the blood. Further details are given in our advertisement pages. The sole distributors are Don S. Momand, Ltd., 10/15 Chitty Street, London, W.1. The product is issued in two sizes and is on the P.A.T.A. list.

**EYE-MATCHED MAKEUP** is advertised in this issue on double pages by Richard Hudnut, Ltd., 302 Gray's Inn Road, W.C.1. The scheme is that makeup may be keyed to the colour of the eyes, and there are only four shades to stock. An extensive advertising campaign is in progress.

**NOVOPINE FOOT ENERGISER.**—Astropine, Ltd., Yeo Street, Bromley-by-Bow, London, E.3, announce a special bonus offer of Novopine foot energiser for a limited period. Orders may be sent direct together with the name of the usual wholesaler. Full details are given elsewhere in this issue.

**HOLIDAYS.**—Matthews & Wilson, Ltd., 6 and 8 Cole Street, London, S.E.1, announce that their works will be closed during August week, and only urgent orders can be executed.—Howards & Sons, Ltd., Ilford, inform us that their works will be closed for eight days, from July 27 to August 4.—The works of H. Bronnley & Co., Ltd., Warple Way, W.3, will be closed from August 1 to 10.

## Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1936, p. 322.

(From "The Trade Marks Journal," July 1, 1936.)

- "SELSVALENCIAR"; for medicated health salts (3). By N. E. Graham, "Broomfield," Purbrook, Portsmouth. 568,770.
- "TRI-TEX"; for medicinal chemicals (3). By The Colonial Primary Producers Co., Ring Road, Moortown, Leeds. 568,789.
- "PADINOX"; for medicinal chemicals (3). By Holding Padinox, 31 Boulevard Royal, Luxembourg. 568,887.
- "ZODIOCELL"; for medicinal chemicals (3). By Circle Cell Salt Co., Ltd., 1 Dunley Hill, Dorking, Surrey. 568,867.
- "MINIWATT"; for surgical goods, etc. (11). By Philips Lamps, Ltd., 145 Charing Cross Road, London, W.C.2. 566,522. (Associated.)
- "VICEROY"; for indiarubber dental composition (11). By Viceroy Manufacturing Co., Ltd., 28 Alpine Avenue, West Toronto, Canada. 567,861.
- "MATFLUX"; for photographic reflectors (13). By Modern Traders, Ltd., 231 Oxford Street, London, W.1. 568,222. (Associated.)

(From "The Trade Marks Journal," July 8, 1936)

- "EXELCRETE"; for photographic chemicals, etc. (1). By Leeds X.L. Fire Cement Co., Holborn Street, Hyde Park, Leeds, 6. 567,677. (Associated.)
- "CALITOX"; for photographic chemicals etc. (1). By British Titan Products Co., Ltd., Portrack Road, Billingham-on-Tees, co. Durham. 568,884.
- "WILRAY"; for photographic chemicals (1). By The Willesden Varnish Co., Ltd., 26 Hythe Road, Willesden, London, N.W.10. 568,888.
- "DRUMMER"; for disinfectants, excluding soap (2). By W. Edge & Sons, Ltd., 50 Raphael Street, Bolton. 568,893. (Associated.)
- "TELEFECTANT"; for agricultural chemicals, etc. (2). By The Telefectant Co., Hall Road East, Blundellsands, Liverpool. 568,981.
- Monogram with letters T, C, 2, 0; for disinfectants (2). By Disinfectant Industries, Gosford Street, Preston, Lancs. 569,010.
- "JACKFLITH"; for medicated dental cements (3). By Dr. Abraham's Laboratories "Drala," Ltd., 3 St. James's Square, London, S.W.1. 567,594.
- "CUSEMI"; for medicinal chemicals (3) and cosmetics (48). By Deutsche Hydrierwerke A.-G., Kantstrasse 163, Berlin-Charlottenburg, Germany. 567,665/666. (Associated.)
- "SUPERMINAL"; for all goods, excluding soap (3). By M. Wolff, Tannenstrasse 61, Rotmonten, Switzerland. 568,055.
- "ARETUS"; for all goods (3). By Chemische Vertriebs G.m.b.H. Gereco, 18 Wilhelmstrasse, Wiesbaden, Germany. 568,447.
- Label design with name and address of manufacturers and the word "LILLET"; for medicated white wine (3). By Lillet Freres, S. A. R. L., Route Nationale, Podensac, Sauternes, France. B568,565.
- "TELORMO"; for medicinal chemicals (3). By E. Tell, Windscheidstrasse 18, Berlin-Charlottenburg 5, Germany. 568,711.
- "SEACALM"; for sea-sickness preparation (3). By W. Harland, 55 Osborne Road, Stockton-on-Tees. 568,657.
- "OCTASMAN"; for medicinal chemicals (3). By F. Riddell, Ltd., Southampton Row, London, W.C.1. 568,891.



## Births

Notices for insertion in this column must be properly authenticated.

HALLIWELL.—On July 14, Irene, wife of G. Halliwell, M.P.S., 78 Burton Road, West Didsbury, Manchester, of a daughter.

## Marriages

ANDERSON—GRAHAM.—At Twechar Parish Church, on July 17, W. B. Anderson to Charlotte Graham, M.P.S., Kirkintilloch.

BULCOCK—THORNTON.—At St. Michael and All Saints' Church, Foulridge, Lancs, recently, C. H. Bulcock to Ellen Thornton, chemist and druggist, Nelson.

DRIVER—COOPER.—At Highfield Congregational Church, Darwen, on July 11, Arthur Driver, chemist and druggist, Darwen, to Winifred Cooper.

HOBSON—NEVITT.—At the Parish Church, Bromborough, on July 4, Leslie Walter Hobson, M.P.S., Chester, to Sadie Nevitt.

HORSFALL—SCHOLES.—At the Parish Church, Todmorden, on June 29, Harold Redman Horsfall, chemist and druggist, to M. Scholes.

WILBOURN—WADSWORTH.—At St. Paul's Church, Hasland, Chesterfield, on July 4, Laister Wilbourn, chemist and druggist, son of Mr. J. H. Wilbourn, chemist and druggist, Hasland, to Marjorie Wadsworth.

WILSON—ROFF.—At the Parish Church, West Wickham, Kent, on July 18, Edwyn A. Wilson, Chorlton-cum-Hardy, Manchester, to Agnes Eleanor Roff, M.P.S., "Petre," 6 Sherwood Way, West Wickham.

## Deaths

ANDREWS.—On July 13, Mr. Ernest Percy Andrews, chemist and druggist, High Street, Wiveliscombe, aged fifty-three. During the war Mr. Andrews served for four years with the R.A.M.C. in France and on hospital ships. Afterwards he was in business at Malvern and Sherborne; nine years ago he took over the pharmacy in High Street, Wiveliscombe, from Mr. J. Osborne.

BOWDEN.—Recently, Mr. William Bowden, chemist and druggist, 62 Wimbledon Hill Road, London, S.W.19, aged seventy-one.

BURTON.—Recently, Mr. Walter Burton, Ph.C., 19 Musters Road, West Bridgford, Nottingham, aged seventy-six.

CADOUX.—Recently, Mr. Samuel Hubert Cadoux, chemist and druggist, 122 Brayards Road, London, S.E.15, aged fifty-six.

EDWARDS.—At 14 Queen Street, Rhos, Wrexham, on July 9, Mr. Thomas Charles Edwards, M.P.S., aged twenty-seven. Mr. Edwards qualified after studying at the Liverpool School of Pharmacy, and became an assistant at Wrexham.

ELLIS.—Recently, Mr. Charles James Ellis, chemist and druggist, 30 High Street, Northwood, aged seventy-three.

EVANS.—At "Woodlands," Higher Lane, Lymm, on July 17, Mr. Frederic Ernest Evans, J.P., retired chemist and druggist, aged seventy. Mr. Evans was the son of the late Mr. I. H. Evans, chemist and druggist, who for fifty years carried on business as a chemist in Lymm.

HUMPHREYS.—At Parkside, Brackley Road, Monton, Eccles, on July 13, Mr. John Humphreys, formerly of Wem, and for forty-eight years with James Woolley, Sons & Co., Ltd., Manchester, aged eighty-six. Mr. Humphreys was M.M. Tennant Lodge, 1992, and M.M.M. Langle Lodge, 28.

McKINNELL.—Recently, Mr. Donald Forrest McKinnell, chemist and druggist (Donald McKinnell, Ltd., chemists, 6 Wood Hill, Northampton). Mr. McKinnell qualified in 1898.

PAYNE.—Recently, Mr. Edwin Hazell Payne, chemist and druggist, 1 Pittville Villas, Cheltenham, aged twenty-seven.

REILLY.—At Zweisimmen, Switzerland, on July 2, Ida (*née* Rutishauser), wife of Mr. Alfred Reilly of Nice.

TOMPSETT.—At Pinner, on June 29, Mr. Leighton Stovold Tompsett, Ph.C., aged eighty-two.

## Personalities

COUNCILLOR FRANK WHALLEY, chemist and druggist, Hyde, is Mayor-elect of the borough.

MR. E. C. GAHAN, Thornton, has been appointed to represent Willington Medical Products, Ltd., Limes Place, Croydon, in Lancashire and Yorkshire.

MR. C. J. V. BELLAMY, Ph.C., Oxford, who is president of the local Rotary Club, is at present in Canada, where he attended the Rotary International Convention recently held in Atlantic City.

AMONG this year's Leverhulme fellowships and grants in aid are the following:—Mrs. A. Arber, D.Sc., Fellow of University College, London, for studies in botany; Mr. W. H. Pearsall, B.Sc., Reader in Botany in the University of Leeds, for research in the growth of algæ.

DR. H. J. WADE, B.Sc., son of Mr. H. J. Wade, chemist and druggist (H. J. Wade & Co., Ltd., manufacturing chemists, Blackburn), assistant resident medical officer to Crumpsall Hospital, Manchester, has been appointed demonstrator in anatomy at Manchester University.

LIEUTENANT-COLONEL M. D. METHVEN, B.A., O.B.E., who has been appointed general manager to North Eastern Trading Estates, Ltd., has previously held such important positions as managing director of Eucryl, Ltd. (1923-29), and more recently general manager and director of Tokalon, Ltd.

MISS BARBARA HALL, daughter of Mr. A. T. Hall, Ph.C., president of the P.A.T.A., has been awarded first-class honours in the B.Sc. special examination in mathematics of London University, and has secured the Madeline Thewlis Ruth Wilks memorial prize in the same subject.

## Business Changes

MR. P. S. GRANT, chemist and druggist, is opening a pharmacy at 38 West Street, Fareham, Hants.

COSBY BRUSHES, LTD., have removed from 189 Regent Street, W.1, to 75 Farringdon Road, London, E.C.1, as from July 21. Telephone: Holborn 1813.

THE pharmacy known as H. STACEY HALL, Medlock Street, Hulme, Manchester, is extending its scope by the opening of a branch at the corner of Embden Street and Chapman Street, Hulme.

THE business of Walton & Co., chemists, Market Place, Richmond, Yorkshire, which has been in the hands of the family for more than a century and was established in 1802, has been closed.

## Wills

MR. EGBERT NEVILLE, 83 West Street, Fareham, Hants, pharmaceutical chemist, who died on March 24 last, aged sixty-six, left estate gross value £23,478, with net personalty £20,868.

MR. CHARLES THOMAS COOPER, Campbell Down, Campbell Road, Bognor Regis, chemist and druggist, who died April 14 last, left estate gross value £27,679, with net personalty £16,608.

MR. HARRY BOWES, F.I.C., F.O.S., Beechfield, 7 Peel Moat Road, Heston Moor, Lancs, manufacturing chemist, who died on November 13 last, left estate gross value £15,839, with net personalty £12,847.



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**'PEPSENCIA'**

'PEPSENCIA' is an ever-ready digestive fluid, containing all the soluble constituents of the gastric juice, preserved in an agreeable aromatic menstruum. It represents both the peptic and milk-curdling ferments obtained directly from the fresh peptic glands.

Supplied in Four Sizes—

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**Wholesale  
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1/3 Size  
11/6 per dozen net  
3/- Size  
27/6 per dozen net

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# THE CHEMIST AND DRUGGIST

VOL. CXXV.

July 25, 1936

NO. 2946

## A Moral for Pharmacy

A WRITER in the correspondence columns of a recent issue of "The Times" draws attention to a characteristic remark of the late Lord Balfour which was as follows: "It would be rather humorous if the whole machine—civil, military and ecclesiastical—were to break down from nothing but overwork." The writer goes on to state that every year since he spoke, and that was some fifty-five years ago, the danger has become more pressing. Five committees on a county council of twenty-five years ago have been increased to fifteen, with the unfortunate result that although it was possible to find five competent men to be chairman of each committee, there is nothing like fifteen competent men available, and the consequence is that much of the work is badly done. It is probably small comfort for the pharmacist who may have read this letter to know that the increase in pharmaceutical organisation over even the same period of years is, to say the least, considerable. There are two chief organisations whose work is to look after the interests of pharmacy, namely, the Pharmaceutical Society on the professional side and the Retail Pharmacists' Union on the trade side. Added to these powerful organisations are the Chemists' Defence Association, the Proprietary Articles Trade Association and others which are concerned with sections of the pharmacist's business life. In addition, there are the branches dotted all over the country, and there are pharmaceutical associations which are independent of each other. Yet we hear, in different directions, suggestions for the formation of new societies to look after other interests of chemists.

The question arises: is pharmacy suffering in the way the writer of "The Times" letter suggested? Is there too much organisation? The Pharmaceutical Society, since the famous Jenkin case of 1920, has no authority to operate in trade circles. The Society is for the most part a fee-collecting, examining and prosecuting body. Its efforts on behalf of professional pharmacy have been disappointing, and the less said about the Pharmacy and Poisons Act, 1933, the better, so far as Bloomsbury Square is concerned. With regard to the National Pharmaceutical Union, interest in the Chemists' Friends scheme has for the present predominated over the feeling of unrest up and down the country in regard to payment for National Health Insurance work. The N.P.U., as representing the commercial side of pharmacy, is much interested in the appointment of a Select Committee to consider excise duties chargeable under the Medicine Stamp Acts. It would be an appropriate opportunity for the professional representatives of pharmacy to associate themselves with the N.P.U. in making a stand for the rights of pharmacy so far as the sale of Medicine Stamp Acts products are concerned. Chemists can hardly be blamed if they are unmoved by a vague promise that their interests will be looked after. We have seen the deplorable results following the coming into force of the Pharmacy and Poisons Act, 1933, and it should surely be time for some definite policy to be agreed upon and outlined. Sir Kingsley

Wood, Minister of Health, addressing the fourth meeting of approved societies held at Eastbourne, announced a surplus of thirty million pounds. Chemists will no doubt like to know at as early a date as possible how much they have contributed towards this huge surplus, and whether or not it is practicable that their trading relations with the Ministry of Health should be put on a normal basis, that is to say, full price for work done and no discounting. It is interesting to recall what Sir William Glyn-Jones said in 1920 in regard to organisation; he uttered a word of warning that super-organisation, whether of pharmacists or miners, could not take the place of individual efficiency and initiative, and that there was a danger of organisations becoming too big to be handled by any man or group of men. This statement is as true as, or perhaps truer than it was, when Sir William uttered it. Chemists have been assuaged with promises from their various organisations; they have been tempted to adopt a *laissez-faire* attitude rather than to use individual efficiency and initiative. It is, however, encouraging to note that recent election results and the pungent criticisms of branch representatives at Bournemouth suggest that chemists throughout the country are at last realising the necessity of returning representatives who will get on with the job.

## National Health Insurance Bill

ALTHOUGH the majority of chemists now look upon insurance dispensing as an established part of their business, it has only a short history so far as its place in legislation is concerned; and because of this, many modifications of the scheme have taken place since the first National Health Insurance Act was placed on the statute book in 1911. That Act laid the main foundations of the present structure, but it has been followed by other Acts which gathered up loose ends and rounded off corners. In 1924 a new N.H.I. Act was passed which embodied all the existing statutes on the subject; but that proved to have no finality, for the process of introducing supplementary legislation began again, and apparently there has since been a sufficient number of modifications and amendments to warrant the introduction now of "A Bill intituled An Act to consolidate the enactments relating to National Health Insurance," and to be cited, when passed, as the National Health Insurance Act, 1936. This document runs into nearly 200 pages and is obtainable from H.M. Stationery Office at the price of 3s.

No new matter has been introduced, but a renumbering of paragraphs has taken place, and secretaries of pharmaceutical committees will need to study the new Act to verify references. Marginal notes show that many changes in detail have occurred from time to time since 1924 in the general provisions, but there has been little if any change in those clauses which affect chemists' contracts with insurance committees or the administrative arrangements relating to pharmaceutical service. Sections 35 to 43 deal with the administration of medical benefit, including the supply of drugs and appliances. Sections 91 to 100 deal with the constitution and duties of insurance, panel and pharmaceutical committees and the inter-relations of these bodies. Section 118 relates to the provision of funds for insurance committees, including the sum of 13s. per insured person per annum for the administration of medical benefit. It is from this fund that the modest residue known as the chemists' fund is obtained.



For those concerned in the administration of the medical provisions of the Health Insurance Acts, the correlation of all the existing legislative requirements in one orderly document will undoubtedly prove of very considerable service. No doubt there will shortly be a new issue of the Medical Benefit Regulations to consolidate the rules and orders made under the Act, some of which have an important bearing on the work and remuneration of the insurance chemist. The Act comes into force on January 1, 1937.

### A Trade Deadlock

WHEN Sanctions were raised on July 15 against the importation of Italian goods it was assumed that the trade in crude drugs from that source and in Sicilian essential oils would re-open forthwith, but, unfortunately, there is still complete deadlock and no business is possible at the moment. On this side importers are not allowed to make payment direct for

their goods; they must remit the amount to the Bank of England, who, it is understood, will hold it in a "Pool" as a reserve, pending negotiations between the authorities of the two countries, against outstanding debts due from Italian importers for goods shipped from this country prior to the imposition of Sanctions, the amount involved being in the region of a million and a half sterling. The Italian authorities it is reported, are not disposed to issue export permits for goods to be shipped to this country, unless payment for same is made in advance or an irrevocable credit is opened with an Italian bank prior to shipment. The British importer is of course, prohibited from complying with such terms, thus the present deadlock. It is not within our province to comment on matters of an international political character, which however much they may restrict trade, must take precedence. It is, of course, unfortunate that this further suspension of Italo-Anglo trade has taken place; we can only hope that the negotiations that are stated to be in progress will be concluded at an early date and result in a return to normal trading conditions.

## Archæological Exhibition in London

THE annual exhibition of antiquities from Tell Duweir (Lachish), Palestine, has been opened at the Wellcome Research Institution, 183-193 Euston Road, London, N.W.1, and remains open daily till July 31 from 11 a.m. to 5 p.m. On July 30 and 31 the hours of opening are extended to 8 p.m.; and on those days the film of the excavations shown daily at 11.30 and 3.0 is also shown at 7.0. On July 30 a lantern lecture on the new discoveries will be given by Mr. J. L. Starkey, under whose direction the Wellcome Archæological Research Expedition has been working; admission is free and without ticket.

Visitors to the exhibition will find that it provides new material for the study of an interesting period in the history of Palestine, covering the attack of Sennacherib on Lachish in 701 B.C. and the destruction of the city by Nebuchadnezzar in 588 B.C. In one subject the material is ample. In a tomb were found the remains of about 1,500 bodies, which, it is believed, were flung there after a massacre. Out of these fragments 700 skulls have been kept; and the ethnological value of a

in Palestine more than 2,600 years ago. The openings in the skulls are rectangular.

A model of a temple destroyed *circa* 1260 B.C. is of interest to our readers, largely by reason of the fact that in this building objects of the kind described and illustrated in our issue of September 1, 1934, were found. On the same site were discovered traces of two older temples, as well as various frag-

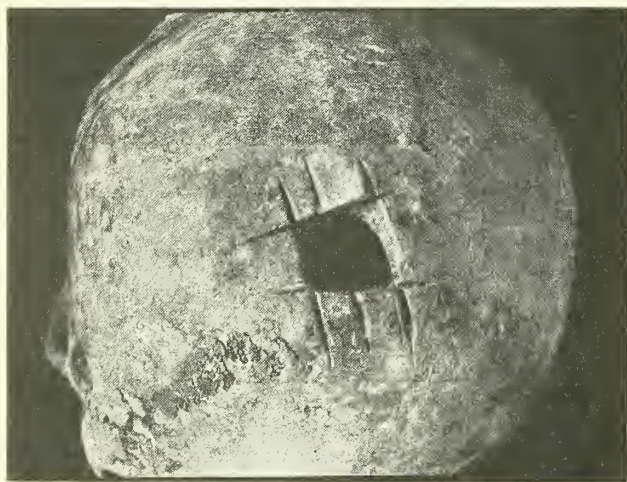


[Copyright, Wellcome Archæological Research Expedition]

### MORTAR FOR MIXING COSMETICS

ments of Egyptian, Greek and other pottery. Within the area enclosed by the city wall the remains of shops of various trades have been brought to light. And, as our second illustration indicates, toilet requisites were in vogue during the period mentioned. In addition to the shallow mortar shown here, a bronze mirror and a kohl stick are on view in the same case. These date from the Eighteenth Dynasty, *circa* 1400 B.C.

A brief note may be added on the "proto-Phœnician" script that has exercised the ingenuity of several expert linguists. On a vase, for instance, will be found an inscription in characters which, dating from about 1260 B.C., foreshadow in some instances the present form of our own printed letters. Six hundred years later this had developed into the cursive script in which "the Lachish letters" were written on fragments of pottery. They are the police dossier of a political suspect, and are on show at the Institution before being returned to Palestine, where the Expedition will continue its work under the auspices of Sir Henry Wellcome, Sir Charles Marston and Sir Robert Mond.



[Copyright, Wellcome Archæological Research Expedition]

### SKULL WITH SQUARE INCISION

careful study of these cannot fail to be considerable. On the surgical side many of the skulls present unusual features; as the first of our illustrations shows, trepanning was practised



## Salford Analyst's Report

THE latest annual report of the analyst for the city of Salford (Mr. H. E. Monk, B.Sc.), covering the year 1935, records, as is usual in such reports, the examination of samples about four-fifths of which consisted of milk or cream. While, however, the percentage of adulteration in the samples of milk was 4.6, the percentage in all the 1,275 samples taken collectively was 7.0, an abnormally high figure. One interesting item examined was a sample of treacle which was found to contain 400 parts of zinc per million. Subsequent repeat examinations of the amounts of zinc found in the first tin showed that the greatest concentration of zinc had been at the top of the tin. The figures obtained were 640, 425, 355 and 170 parts per million, representing four successive determinations, including the first. (Although the sample had been stirred before analysis the circular stirring of a substance like treacle might well result in an impurity present chiefly at the top not being evenly distributed). The most reasonable hypothesis to account for the observed facts is that accidental contamination from external sources had taken place. The makers of the molasses acted throughout in a most straightforward and courteous manner.

### Iodine Preparations

The analyst states that his department became interested in samples of iodine preparations following upon the "iodine" cases reported in 1934. After the prosecutions referred to, the firms involved and several others engaged in the same type of business approached this department regarding the composition and descriptions of these preparations. The attitude adopted in dealing with them may be summarised as follows:—An article described as solution of iodine or tincture of iodine must conform in composition to the liquor iodi mitis of the British Pharmacopœia, 1932, as also must "iodine" (which is what these preparations are known as by the average purchaser). At the same time there appears to be no reason why a cheaper product should not be available to the public, and such a product can be made by replacing the alcohol of the Pharmacopœia by industrial methylated spirit; such products cannot, of course, be called by the name or synonyms of the Pharmacopœia. On several occasions this department was asked what name it would approve for such an article and "iodine paint (methylated)" was suggested. On the question of a standard for this, a minimum of 2.5 per cent. iodine would have been adopted but for the existence of the Home Office recommendation of 2.0 per cent. of iodine (in alcohol) for first aid boxes in factories and workshops. Under the circumstances, therefore, it was felt that a minimum standard of more than 2.0 per cent. could hardly be adopted, and consequently, as a working basis, 2.0 per cent. of iodine in industrial methylated spirit of reasonable strength has been taken as a minimum requirement. Several firms of repute have marketed iodine paint (methylated) for some time past and before these "iodine" cases were heard—all such products which have been examined are equal to or better than this standard.

On the general position with regard to drugs the public analyst writes:—In recent years in this city a relatively higher percentage of the samples of drugs than of foods have been certified as adulterated or unsatisfactory. This implies no reflection on the care or honesty of the regular members of the drug trade, including manufacturing, wholesale or retail chemists. There has been much evidence of the activities of what, for want of a better name, must be called the cheap drug trade selling such articles as lysol or iodine preparations, chiefly in markets or by hawking from door to door, and a large number of the samples to which objection has been taken in recent years have been the products of this type of trade.

AN epidemic of diphtheria at Golborne, Warrington, has been followed, states "The Liverpool Daily Post," by an invasion of vendors of quack medicines and disinfectants.

ABSORPTION OF INSULIN AND INSULIN-PROTAMINE.—Protamin-insulin compounds show a prolonged insulin action when injected subcutaneously, and H. K. Beecher and A. Krogh, of Copenhagen University, have observed this difference in absorption rate directly ("Nature," 3463, 458) by means of the Sandison-Clark chamber inserted in rabbits' ears. Tests were made with both unstained and dyed precipitates.

## Items in Parliament

### HYDROGEN CYANIDE (FUMIGATION) BILL

A Bill "to regulate the fumigation of premises and articles with hydrogen cyanide; and for purposes connected with the matters aforesaid" has been presented in the House of Lords, and is obtainable (price 2d.) at the Stationery Office.

### COLONIES (IMPORT QUOTAS)

Mr. Chorlton asked the Secretary of State for the Colonies whether he proposed any modification in the quotas now in force for imports into various Colonies; and whether any steps were proposed to be taken to restrict importation into Uganda and Kenya to the figures of 1924, or in proportion to that rate?

Mr. Ormsby-Gore: As regards the first part of the question, no general revision of the quotas is proposed at present. As regards the second part of the question, international obligations under the Berlin and Brussels Acts and the St. Germain Convention prevent the introduction of quota restriction on imports into Kenya and Uganda.

### INDIA (QUININE SUPPLIES)

Sir Reginald Craddock asked the Under-Secretary of State for India whether he was aware of the shortage of quinine purchased by the Provincial Governments in India from the Government of India supplies, on account of which the Government of India were obliged to sell their surplus stock at less than cost price, while the amount of quinine available in the Provinces was inadequate to the requirements of the country for coping with malaria; and what steps had been taken to remedy the deficiency of the supplies?

The Under-Secretary of State for India (Mr. Butler): I have no very recent information and will ask for a report. My hon. friend is no doubt aware that last year the Government of India gave 45,000 lb. of quinine to Provincial Governments for free distribution.

### STATISTICS OF SPIRITS AND WINES

Mr. Rhys Davies asked the Chancellor of the Exchequer the quantities of British spirits distilled in England and Scotland, respectively, during the year ended March 31, 1936; and also the number of distilleries actually at work in England, Scotland and Northern Ireland during the year ended September 30, 1935.

Mr. Chamberlain: The quantities of British spirits distilled in England (with Northern Ireland) and Scotland, respectively, during the year ended March 31, 1936, were as follows:—

	Proof Gallons
England and Northern Ireland .. .. .	* 40,321,371
Scotland .. .. .	20,251,702

\* Includes 4,981,131 proof gallons of methyl alcohol.

Dr. Salter asked the Chancellor of the Exchequer the net receipts of Customs and Excise in the United Kingdom for the year ended March 31, 1936, in respect of . . . spirits, foreign and Colonial spirits, wine, British wine [and other items]?

Mr. Chamberlain: Final figures for the year ended March 31, 1936, are not yet available. Provisional figures (subject to correction) are as follows: Spirits: imported, £4,487,000; home-made, £30,330,000. Wine, £4,643,000; British wine, £402,000. . . .

Replying to a further question by Dr. Salter, the Chancellor stated, *inter alia*, that in England and Wales the number of wine off-licences in force for the year ended March 31, 1936, was 12,512; and in Scotland for the same period 2,342.

JAPANESE DRUGGISTS' PETITIONS.—Resolutions were passed at the national federation of drug dealers' associations meeting at Toyama, Japan, on May 3 and 4, petitioning the government not to restore the stamp tax on patent medicines and to exclude home remedies from the list of medicines allowed to be distributed by the national federation and co-operative societies. A 10 per cent. tax formerly imposed on patent medicine sales was later abolished; recently reports have indicated that the government was contemplating reviving the tax. Opposition was also voiced against the establishment of the national health insurance proposed by the social bureau of the Home Department.



## English Herb Crop Reports

*Stafford Allen & Sons, Ltd.*—Report on the crops at their Long Melford, Suffolk, farms as follows:—**ACONITE**: We shall have the usual small crop. **BELLADONNA**: Our plants stood the winter well and we have had a very good crop. The leaf is of good colour and has been free from much insect attack. **CHAMOMILES**: This crop is just coming to bloom, and recent rains have been very beneficial. We do not want too much rain now to secure a good crop. **DIGITALIS**: We have had a good growth of second-year plants. Young plants are also promising well. **DILL**: This is full of flower and looking very well. Given good weather for the harvest, this should prove a fine crop. **HENBANE**: This has done well. The rain came at the right time to help the second-year crop, so we have collected leaf and herb of excellent quality. First-year plants are also looking well. The recent wet weather has made these grow well. **LAVENDER**: This was a little hindered by the late frosts in May and the flower will probably be later than usual, but we hope to have a good average crop. **PEPPERMINT**: The young plants had exceptionally favourable weather to get started. Older plantations are also promising well. **PYRETHRUM**: Rather too much rain this season. The crop is not quite up to last year's in quantity. **VALERIAN** will probably be a normal crop.

*W. J. Bush & Co., Ltd.*—Their Mitcham distillery reports as follows:—**PEPPERMINT**.—The crop this year is expected to be only fair and the yield of oil is likely to be lower. Sun is badly needed. There are about 120 acres planted with peppermint in Surrey. **LAVENDER**.—The crop is very good this year. **CHAMOMILES**.—Very little has been grown this year owing to the fact that the demand by the trade for chamomile oil has been small.

*John Jakson & Co. (Mitcham Road), Ltd., West Croydon.*—**ESSENTIAL OIL** crops will be late this year owing to the cold spring. We were unable to commence mint planting till June, but since then we have put in over two million plants on our Mitcham land, and they have grown exceptionally well. Given a few weeks of seasonable weather we contemplate good yields on both old and young mint. Both **LAVENDER** and **CHAMOMILES** look well, but want sunshine.

*Perks & Llewellyn, Hitchin.*—Every prospect of a good crop of **LAVENDER**. The plants are in excellent condition and are almost in flower. A spell of sunshine would bring them to perfection.

*Potter & Clarke, Ltd., London, E.1.*—After two years' drought, 1934-35, some plants have died, but generally all herbs will be very good. The cultivation of English herbs has improved and the majority are now superior to those of foreign growth. Good crops—**AGRIMONY**, **BELLADONNA**, **MEADOW-SWEET**, **RUE**, **WORMWOOD**, **YARROW**, **COMFREY**. **PARSLEY PIERT**—good crop after the partial failure last year. **POPPY HEADS** and **DILL** looking very well at the moment. **LAVENDER** wants sun and drier conditions. **PEPPERMINT** is firm and sappy owing to its quick growth, and there should be a good first and second cutting this year. **CHAMOMILES**—fair crop now ready for picking, but fine weather wanted. **DANDELION ROOT**—the dry seasons have killed the small plants and the roots will be on the small size again. As it takes two or three years to grow, the shortage will be felt for some time, especially as the demand for English root exceeds the supply. Culinary herbs—**TARRAGON** scarce, plants affected by the two years' drought. **THYME** and **MINT**—good crops anticipated. **PARSLEY**—scarce at present, plants affected by an insect which causes the leaves to turn yellow and die. **SAGE**—likes sun and dry conditions; is not looking too well this year, but so much depends on the weather in August.

*William Ransom & Son, Ltd., Hitchin.*—Owing to the unsettled weather conditions with lack of sunshine and excessive rainfall, yields this year from **CHAMOMILES**, **LAVENDER**, **PEPPERMINT** and **ROSEMARY** are expected to be below the average. On the other hand, **BELLADONNA** and second biennial **HENBANE** have been good crops, the yield and quality being well above the average. First biennial **HENBANE** germinated well and has made good growth, but is now beginning to suffer from the abnormal rainfall. Conditions have been ideal for this year's plantation of **FOXGLOVE**. The plants are now making rapid

growth. **ACONITE**, **LETTUCE**, **PYRETHRUM**, **SQUIRTING CUCUMBER** and **VALERIAN** show normal development.

*Joseph Seymour's Herb Farm, Holbeach, Lincs.*—**LAVENDER** and **DILL** will be fair crops, but are badly needing sunshine. **POPPIES** (white) crop is well up to average.

*Bruce Starke & Co., Ltd., Eye, Suffolk.*—**CHAMOMILES**: The plentiful rains have greatly helped the plants, and our fields are a picture of snowy whiteness. The plants are luxurious and the flowers are plentiful and bold. The flowers are now being picked and about a ton a day are being brought into the drying plant. The distillation of flowers for the English chamomile oil will probably commence next week, and continue until the end of August. **WORMWOOD**: These plants are looking extremely well this season, and the distillation will probably commence in ten days' time. **LAVENDER**: The very dry spell we had in May-June has made the flowers very backward this season, but the recent rains are having the effect of improving the bloom. The flowers should be ready for distillation about the end of this month. **ANGELICA**: This is looking well and has been helped by the recent rains. We have increased the acreage again this year.

## Biological Activity of Neutron Rays

RESULTS obtained from ionisation tests on rats by J. H. Lawrence and E. O. Lawrence ("Proceedings of the National Academy of Sciences," 22, 81, 149) show that neutrons are five times as active biologically as  $\alpha$ -rays. It is pointed out that workers should be adequately screened from neutron generators by substances containing a high proportion of hydrogen (and therefore good absorbers of neutrons). R. E. Zirkle and P. C. Aebersold (loc. cit.), from a determination of relative effectiveness in retarding growth (in primary roots of wheat seedlings), find that a unit of neutron irradiation produces twice as much ionisation as a unit of  $\alpha$ -rays. Hence one ion produced by neutrons is as effective in tissue as ten ions from  $\alpha$ -rays. This (10 to 1) ratio compared with the foregoing (5 to 1) ratio in rats indicates that there is a real difference with various tissues. This would support the suggestion that the use of neutrons is preferable to that of  $\alpha$ -rays in the treatment of tumours; but further investigation is required.

## New Vitamins

Two nutritional deficiency factors or vitamins are reported which serve to indicate the increasing complexity of effects associated with avitaminosis. H. J. Almquist and E. L. R. Stokstad, Division of Poultry Husbandry, University of California, find that gizzard erosion in chickens is due to lack of a new fat-soluble vitamin ("Nature," 3466, 581). This dietary disease is marked by extensive hæmorrhage in which the blood fails to clot within normal time and is alleviated by a hexane extract of dried kale or alfalfa. Gizzard erosion is frequently found in late incubation stages or in day-old chicks. Further investigation showed that the dose to cure gizzard erosion was many times the anti-hæmorrhagic dose, and that the anti-gizzard activity was located in the unsaponifiable fraction of kale lipoids. Copious amounts of known vitamins (as cod-liver oil, wheat germ oil, fresh yellow carrots, lemon juice) were ineffective.

"Vitamin P" is the name proposed by St. Rusznyak and A. Szent-Györgyi for the dietary factor preventing vascular permeability ("Nature," 3479, 27). They find that certain pathological conditions, characterised by permeability on fragility of the vascular wall, are readily cured by extracts of Hungarian red pepper ("vitapric") or lemon juice, whereas ascorbic acid is without effect. The extracts were fractionated, and the active substance in the end fraction consisted of practically pure flavon or flavonol glycoside. Daily doses of 40 mgm. (given intravenously) restored normal capillary resistance in man within a fortnight. The decreased resistance of the capillary wall towards whole blood causes a vascular type of hæmorrhagic purpura, and various septic conditions may arise from its permeability to plasma protein.



# Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

## 28 Essex Street, W.C.2, July 23

THE bulk of the business, which has been fairly satisfactory in volume, continues to be for home trade. Export business, particularly to the Continent, has remained slow. Normal trading conditions with Italy have not yet been resumed; we comment on this matter on p. 110. No cabled market advices have been received since Saturday last regarding Spanish produce, but it is anticipated that, beyond some temporary dislocation of shipments, the disturbance in that country is not likely to affect the markets. Conditions in the PHARMACEUTICAL CHEMICALS markets show little change this week. SALICYLATES are steady at the recently adjusted figures. Most of the imported products are quoted irregularly on spot.

### Crude Drugs

There has been quite a nice business doing in many of these commodities and values are being fully maintained at recent advances. Consumers are not showing much interest in new crop CASCARA SAGRADA; shipment quotations remain at recent advances and are firm. Some new crop CHAMOMILES are quoted; a sample of first pickings is not of particularly good colour. Zanzibar CLOVES are firm and quoted dearer. It is nearly a week since offers from the source of new crop Spanish ERGOT were received; old crop is offered much cheaper on spot. Portuguese is offering but no offers of Russian new crop have yet been made. HYDRASTIS is firm, spot and forward. Last week's better shipment price for LOBELIA HERB is being maintained. A fair business for all positions is reported in Japanese MENTHOL and quotations show a slight improvement; the Chinese product has been receiving fair inquiry. No break in the flow of supplies of MERCURY is anticipated. PEPPER remains at low values with the market dull. West African GINGER is quoted sharply dearer. The shipment price for new crop SENEGA is firm at the advance and spot values have been increased accordingly. Substantial business in all grades of TRAGACANTH is reported; values for most qualities are at a further advance. Spot supplies are considerably depleted while shipments from the source are well below normal.

### Essential Oils

Rather more inquiry is reported this week with the business mostly for limited quantities. One or two shipment quotations for ANISE (STAR) in drums received this week but the figure mentioned did not attract business. BAY tends firmer. BERGAMOT and the other SICILIAN OILS are steadier on spot, due to the further suspension of shipment business; meanwhile the source reports firm conditions in the primary markets. CASSIA remains slack for shipment. Small interest only in CITRONELLA. Madagascar Clove is firm and further advances are anticipated. No further advance in prices for Californian LEMON OILS. LEMONGRASS is slightly cheaper and at current low figures the shipment market is steadier. French Guinea ORANGE is dearer on spot, with practically nothing offered for shipment. Japanese PEPPERMINT has had a better week of business and values tend slightly dearer; the October-December position has been of interest and sellers' limits have increased.

### Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	July 23	Value of the £
Amsterdam ...	Fls. to £	12.107	7.38½	12/2½
Berlin ...	Mks. to £	20.43	12.47	12/2½
Brussels ...	Belgas to £	nominal	29.75	17/0
Copenhagen ...	Kr. to £	18.159	22.40	24/8
Lisbon ...	Esc. to £	110	109½	19/11½
Madrid ...	Ptas. to £	25.22½	36½	28/10½
Milan ...	Lire to £	92.46	63½	13/8½
Montreal ...	Dol. to £	4.86½	5.02½	20/7½
New York ...	Dol. to £	nominal	5.02½	20/7½
Oslo ...	Kr. to £	18.159	19.90	21/11
Paris ...	Fr. to £	124.21	75½	12/2½
Prague ...	Kr. to £	164.25	121	12/2½
Stockholm ...	Kr. to £	18.150	19.30½	21/1½
Warsaw ...	Zloty to £	43.38	26½	12/2½
Zurich ...	Fr. to £	25.2115	15.35	12/2½

Bank rate 2 per cent.

### Pharmaceutical Chemicals, etc.

RAATHER quiet markets are reported this week, with the tone fairly steady. Prices for salicylates continue at the recent reductions with business slow.

AMIDOPYRINE.—Dealers' prices keenly competitive, business slow: crystals, five cwt., 18s. 0½d.; two cwt., 18s. 5½d.; less than two cwt., 18s. 10½d. per lb., with powder 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Business on a small scale, market steady: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins; and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN (TABLETS).—The following are agreed wholesale prices for the British makers: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. A rebate of 1d. per 1,000 is allowed on orders for 10 million tablets taken over a period of 12 months. For small quantities higher prices would be asked by wholesale distributors.

BARBITONE.—Market remains dull and competitive: spot, one cwt., 15s. 3½d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 3d. per lb.

BENZOIC ACID (B.P.).—Fair amount of business, quoted unchanged: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices unchanged, limited demand: Carbonate, B.P., one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; less than 8 lb., 8s. 6d. per lb., with rebates on contracts for larger quantities.

BROMIDES.—Makers' and dealers' scales of prices are steady. Home trade: Potassium B.P., not less than 5 cwt., 1s. 7d.; not less than one cwt., 1s. 8d.; not less than 28 lb., 1s. 11d.; 14 lb., 2s. 1d. per lb. Sodium, B.P., not less than 5 cwt., 1s. 9d.; not less than 1 cwt., 1s. 10d.; not less than 28 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb. Ammonium, B.P., not less than 5 cwt., 1s. 10d.; not less than one cwt., 1s. 11d.; not less than 28 lb., 2s. 2d.; 14 lb., 2s. 4d. per lb., net. 28 lb. parcels and one cwt. cases free. Distributors' prices for quantities less than 14 lb. would be at higher figures. Scales of prices for export, quoted f.o.b. London for prompt shipment, are as follows: POTASSIUM, 5 cwt., 1s. 1½d.; one cwt., 1s. 2d. SODIUM, 5 cwt., 1s. 2½d.; one cwt., 1s. 3d. AMMONIUM, 5 cwt., 1s. 4d.; one cwt., 1s. 4½d. per lb. Contracts over a period are not being booked.

BUTYL CHLORAL HYDRATE.—Business quiet, values unchanged: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Continental makers' agreed prices: pure alkaloid, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb., delivered, 5-lb. tins free, smaller packing extra. Citrate, two cwt., 5s. 5½d.; one cwt., 5s. 6½d.; 56 lb., 5s. 7½d.; smaller quantities, 5s. 8½d. per lb., delivered. British material: pure, 56 lb., 8s. 4d.; less, 8s. 6d. per lb. Citrate, 56 lb., 5s. 9d.; less, 6s. per lb.

CALCIUM LACTATE.—Fair business, market steady: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Home makers' prices for this market are steady: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 1d.; one cwt., 3s. 2d.; 28 lb., 3s. 3d.; 14 lb., 3s. 4½d. per lb.; 28-lb. jars one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Seasonal demand, market steady: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Fairly good demand, with values maintained: British material, 99 to 100 per cent., 79s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

GUAIACOL CARBONATE.—British and imported material is being quoted on spot in the region of 6s. per lb.

HENAMINE.—Makers' prices for bulk quantities are competitive: fair business: B.P. powder, from 1s. 3d. to 1s. 4d.; free-running crystals, from 1s. 4d. to 1s. 8d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, two cwt., 1s. 5d.; one cwt., 1s. 6d.; 14 lb., 1s. 10d.; smaller parcels, up to 2s. per lb., carriage paid.

MERCURIALS.—Makers' scales of prices are unchanged: Chloride, B.P., not less than one cwt., 4s. 11d.; less than one cwt., from 5s. per lb., upwards, as to quantity.

MEHYL SALICYLATE.—Continues steady at the recent reduction: spot, ten cwt., 1s. 1½d.; five cwt., 1s. 2d.; one cwt., 1s. 2½d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, up to 2s. per lb.



**METHYL SULPHONAL.**—Dealers find the demand slow, quotations are keen: two cwt., 19s. 3½d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, 20s. 8d. per lb.

**PHENACETIN.**—Limited demand, with values steady at current low levels: crystals or powder, bulk quantities, 2s. 6d. to 2s. 7d.; smaller parcels, 2s. 7½d. up to 3s. per lb., as to quantity.

**PHOTOGRAPHIC CHEMICALS.**—**AMIDOL.**—28 lb., 7s. 6d.; 14 lb., 8s. 3d.; 7 lb., 9s.; under 7 lb., 11s. 9d. per lb., in 1-lb. bottles. **CHLORQUINOL.**—1-lb. bottles, 21s. per lb. **GLYCIN.**—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. **HYDROQUINONE.**—56 lb., 4s. 10½d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; 1-lb. bottles, 6s. 6d. per lb. **METOL.**—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; 3 lb., 11s. 6d.; 1-lb. bottles, 12s. 6d. per lb. **ALUM (PHOTOGRAPHIC QUALITY).**—1 cwt., 21s. per cwt. 28 lb. for 6s. **GOLD CHLORIDE.**—15-grain tube, 52s. 6d. per doz. **MAGNESIUM POWDER.**—10s. per lb. **PARAMIDOPHENOL HYDROCHLOR.**—8s. 6d. per lb. **POTASSIUM FERRICYANIDE.**—14 lb., 2s. 3d.; 7 lb., 2s. 6d.; 1 lb., 2s. 9d. per lb. **POTASSIUM METABISULPHITE.**—One cwt., 7½d.; 28 lb., 8d.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. **PYROGALLIC ACID.**—28 lb., 6s. 9d.; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; under 7 lb., 8s. 9d. per lb. **SODIUM CARBONATE (RECRYST).**—5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. **SODIUM HYPOSULPHITE, CUBES, CRYST.**—5 cwt., 16s. 3d.; 1 cwt., 18s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. **SODIUM SULPHIDE (PURE).**—7 lb., 1s. 3d.; 1 lb., 1s. 6d. per lb.

**POTASSIUM SULPHOGUAIACOLATE.**—Market is dull and competitive; quoted in the region of 6s. 3d. per lb.

**SALICYLIC ACID (B.P.).**—Home makers' scales of prices unchanged: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

**SODIUM SALICYLATE (B.P.).**—Makers' scales of prices for home trade steady at recent reduction: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 11d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

**SULFONAL.**—Business slow, quotations very keen: crystals or powder, two cwt., 15s. 5½d.; one cwt., 15s. 10½d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 9d. per lb.

**TARTARIC ACID (B.P. CRYSTALS).**—Fair business, market steady: British makers quote at 1s. per lb., less 5 per cent. discount. Dealers offering foreign material at competitive prices.

**THEOBROMINE.**—Continental material: pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. Sodium salicylate, two cwt., 6s. 3½d.; one cwt., 6s. 4½d.; 56 lb., 6s. 5½d.; smaller quantities, 6s. 6½d. per lb., delivered, 5-lb. tins free, smaller packages extra.

**THYMOL.**—Still rather dull, values steady: synthetic, fine white, two cwt., 5s. 10d.; one cwt., 6s.; 56 lb., 6s. 4d.; 28 lb., 6s. 9d.; smaller parcels, 7s. 6d. per lb.; ex ajowan seed, one cwt., 8s. 7d.; 56 lb., 8s. 10d.; 28 lb., 9s. 4d.; 14 lb., 10s. per lb.

**VANILLIN.**—Convention prices are unchanged: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

### Crude Drugs, etc.

A REPORT of the drug auction is given on p. 116.

**ACONITE ROOT.**—Occasional small spot demand, with parcels at about 67s. 6d. per cwt.

**AGAR.**—Not much doing in either spot or forward business, market steady: spot, Kobe, No. 1, 2s. 7½d.; No. 2, 2s. 5d.; Yokohama, No. 1, 2s. 4½d. per lb.; shipment, Kobe, No. 1, 2s. 5d.; No. 2, 2s. 2d.; Yokohama, No. 1, 2s. 1d. per lb., c.i.f.

**ANTIMONY.**—Chinese crude is now quoted at £24, c.i.f. English regulus is at £66 10s. to £67 10s., spot.

**BELLADONNA.**—Moderate spot business. Leaves, 60s.; root, 50s. per cwt., spot.

**BURDOCK ROOT.**—Dealers are quoting small lots on spot at about 45s. per cwt.

**CAMPHOR.**—Values about steady, business in small spot parcels: Japanese, spot, tablets, 2s. 5d.; powder, 2s. 2½d.; slabs, 2s. 2½d. per lb., ex store. Shipment, tablets, 2s. 1½d.; powder, 2s. 0½d.; slabs, 1s. 11½d.; per lb., c.i.f. English refined is unchanged: flowers, 1 cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and 1 oz., 3s. 6d. per lb.; special prices for contracts and bulk quantities.

**CASCARA SAGRADA.**—Consuming inquiry for shipment of new crop has again been very modest. The source is keeping the price for carload lots firm at 43s. and 44s. for less, c.i.f., and report practically all supplies taken up as they come to hand. The comparatively small stocks of old peel on spot are firm at former prices and tend to advance.

**CHAMOMILES.**—New crop flowers, August shipment, have been quoted at 100s. per cwt., c.i.f., but it is considered slightly easier prices may come along. A sample of the first pickings has been inspected here: the flowers have obviously suffered from the rains, being of a somewhat dirty white colour.

**CLOVES.**—At the advance the market is firm: Zanzibar, spot, 7½d. shipment, July-August, 7½d. per lb., c.i.f.; Madagascar, in bond 6½d.; shipment, new crop, November-December, 6½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended July 18 were 253, and the deliveries 310, leaving a stock of 1,652. From January 1 to date the landing of Zanzibar have been 2,837 and the deliveries 2,260. Landings of Madagascar for the week ended July 18 were nil, and the deliveries 115, leaving a stock of 1,301. From January 1 to date landings of Madagascar have been 1,856 and the deliveries 2,017 packages.

**COCONUT (DESSICATED).**—Values are unchanged and steady: spot fine, 23s.; medium, 22s. 6d. per cwt.; shipment, halves, August 21s. 4½d.; September, 21s. 6d.; October-December, 21s. 6d. per cwt., c.i.f.

**COD-LIVER OIL.**—Bergen reports shipment market is fully steady with more business being done. Exports to July 21 totalled 34,704 barrels, compared with 39,412 barrels at the same date in 1935, and 40,837 barrels in 1934. Finest Lofoten steam refined non-freezing medicinal oil, 86s. to 87s. per barrel, c.i.f. London, spot, in small lots, 126s. per barrel, ex store, duty paid. Newfoundland non-freezing medicinal oil, about 130s. per barrel, ex store. British non-freezing medicinal oil is quoted at 100s. per barrel, London, duty free, while quotations from another home source are at higher figures.

**GINGER.**—At the advance the market is fully steady. West African, spot, 65s., shipment, August-September, 62s. per cwt. c.i.f. London, Jamaican, spot, bold in barrels, 85s. to 90s.; small grinding, 62s. 6d. to 65s. per cwt. in bags, ex store.

**GUM ACACIA.**—While spot and forward prices are unchanged from the figures given last week for Kordofan the Sudan indicates that the primary market is a shilling dearer.

**HYDRASTIS.**—This market continues firm although business has not amounted to much. Spot, from 10s.; shipment, 10s. per lb., c.i.f.

**KOLA NUTS.**—African quarters, ex store, Liverpool, are offering at 2½d., and West Indian halves in London also at 2½d. per lb., ex store.

**LOBELIA HERB.**—New crop continues to be offered for August-September shipment from 11 to 12 cents per lb. Spot holders would take about 7½d. per lb.

**LYCOPodium.**—Continues very scarce on spot. Where available, small parcels are held for 5s. 6d. per lb.

**MENTHOL.**—The demand has been better on spot. Japanese shippers' prices are keeping firm. K/S brands, spot, up to 13s.; in bond, 11s. 7½d.; near afloat, 11s. 3d. paid; Japanese shippers quoting August-September firm at 11s. 3d. and rejecting bids at less. Fair amount of interest in October-December position, with a buyer at 10s. 9d. and sellers wanting 11s. per lb., c.i.f. Chinese has been receiving inquiry and spot is now quoted at 12s. 9d., with shipment, July-August, at 10s. 10½d. per lb., c.i.f. English synthetic menthol is quoted from 7s. 6d. to 10s. 6d. per lb., as to quantity.

**MERCURY.**—The Spanish-Italian group report fair business, with their shipment quotation unchanged at 59 dollars 50 cents per bottle, f.o.f. Continent: spot, in small lots, £11 19s. per bottle, ex store. We are advised that it is not anticipated that the disturbed conditions on the Continent will affect supplies coming forward.

**OPIMUM.**—Average spot business: spot, Turkish, 1s. 3d. to 1s. 4d. per unit, landed and duty paid. Persian, 12 per cent., 12s. 3d., in bond.

**ORRIS ROOT.**—The little lots on spot are held firmly up to 60s. per cwt.; shipment offers, about 39s. 6d. per cwt., c.i.f.

**PEPPER.**—Market remains dull and at low levels: Lampong, in bond, 2½d.; shipment, June-July, 2d.; August-October, 2d.; October-December, 2d.; January-March, 2½d., c.i.f. Tellicherry, spot, 4½d.; shipment, August-October, 33s., c.i.f. Aleppsy, spot, 4½d.; shipment, August-October, 32s., c.i.f. White Muntok, in bond, 4½d.; shipment, August-October, 4d. per lb., c.i.f.

**PIMENTO.**—The market is slightly firmer: spot, 7½d. per lb.; shipment, July-August, 67s. 6d. per cwt., c.i.f.

**RED ROSES.**—New crop flowers are now available on spot and quoted at about 4s. per lb.

**RUBBER.**—Business has been quieter and values are fractionally easier: standard ribbed smoked sheet, spot, 7½d.; August, 7½d.; September, 7½d.; October-December, 7½d.; January-March, 7½d.; April-June, 7½d. per lb.

**SAFFRON.**—Moderate inquiry for small spot parcels: spot, B.P., 1898, prime, 43s.; extra, 40s. 6d.; super, 37s. 6d. per lb., and less for bulk quantities.

**SARSAPARILLA.**—Not much business moving, values steady: spot, Jamaican grey, 1s. 2d. to 1s. 3d.; native, mixed colours, 10d. to 11d. per lb., as to quantity, spot.

**SEEDS.**—**ANISE.**—Spot, duty paid, Spanish, 58s.; Bulgarian, 30s. **CANARY.**—Mazagan, 27s. 9d.; Spanish, 40s. to 45s., all spot, duty paid. **CARAWAY.**—Dutch, 37s., duty paid; 33s. f.o.b. Holland. **CORIANDE.**—New crop Morocco now landing, 18s. 6d., duty paid. For shipment, 12s., c.i.f., quoted for 5-10 ton lots. **CUMIN.**—Spot, Malta, 42s. 6d.; Morocco, 41s., duty paid. **FENNEL.**—Indian, 32s. 6d., spot. **FENUGREEK.**—Morocco offered at 13s. 6d., spot, duty paid. New crop for July-August shipment, 11s. 6d., c.i.f.



quoted. **MUSTARD**.—English, 21s. to 30s. per cwt., according to quality.

**SENEGA**.—Shipment offers of new crop are firm from 1s. 5½d. upwards, c.i.f. Spot has advanced, and it would now be difficult to place orders at 1s. 5½d. per lb.

**SHELLAC**.—Market has been quiet, quoted unchanged: spot, standard TN orange, 55s. to 60s.; fine orange, 65s. to 135s.; pure button, 65s. to 70s. per cwt., spot. For delivery, TN, August, 55s.; October, 55s. 6d.; December, 56s. For arrival, TN, July-August, 53s. per cwt., c.i.f.

**SQUILL**.—The spot price is easier, in the region of 27s. 6d. per cwt.

**TRAGACANTH**.—Considerable business in all grades is reported to have been done this week, resulting in further depletion of spot stocks. The source reports continued difficulty in making shipments. White ribbon firsts, scarce and firm from £32 to £33. Medium whites have advanced to £25 10s. to £27 10s. Pale amber now range from £20 to £23 and textile grades, which have recently sold heavily, are firm from £5 to £7 per cwt., ex store.

**WAX**.—**BEES'**.—Moderate business, with prices steady: Calcutta, bleached, spot, 135s.; only distant shipment offers now being made, with November 122s. 6d., c.i.f. Abyssinian, spot, 120s.; in bond, 108s.; shipment, 107s., c.i.f.; Benguella, spot, 120s.; shipment, 108s., c.i.f.; Conakry, no spot available; shipment, 118s. 6d. per cwt., c.i.f. Dar-es-Salaam, spot, 120s.; shipment, 117s. 6d. per cwt., c.i.f. **CARNAUBA**.—Rather more interest on spot, shipment fully steady. Fatty grey, spot, 157s.; afloat, 152s.; shipment, July-August, 150s., c.i.f. Chalky grey, spot, 157s. 6d.; shipment, July-August, 150s., c.i.f. Primeira, spot, good quality, 215s.; f.a.q., 205s.; afloat, 205s.; shipment, July-August, 196s., c.i.f. Mediana, spot, 205s.; shipment, 192s. 6d. per cwt., c.i.f.

### Essential Oils, etc.

RATHER more interest in some lines this week. The Sicilian oils tend firmer on spot owing to the further delay in shipments. Japanese peppermint is slightly firmer forward. French Guinea orange is dearer on spot, with still no shipment offers.

**ALMOND**.—Quotations steady, business quiet: English expressed, cwt. lots, 2s. 2½d.; smaller parcels, up to 2s. 6d. per lb.; foreign, cwt. lots, 2s. 3½d.; smaller parcels, 2s. 7d. per lb. French, bitter, 6s. 3d. per lb.

**ANISE (STAR)**.—One or two offers of drums have been cabled for shipment, but the figure is of no interest to buyers: spot market steady, business slow: spot, leads, 2s. 4½d.; tins, 2s. 2½d.; drums, 2s. 2d. per lb., ex store; shipment, drums, 1s. 10½d. to 1s. 10½d. per lb., c.i.f.

**BAY**.—Spot values are slightly firmer: 49 to 50 per cent., 4s. 9d. to 4s. 10½d.; 59 to 60 per cent., 5s. to 5s. 1½d. per lb., as to quantity.

**BERGAMOT**.—Actual business spot and forward has been negligible. On spot, stocks seem to be running very low and prices are now ranging from 8s. 9d. to 10s. per lb., as to brand and seller. Shipment offers are nominally unchanged, and the source reports the market firm, with a possibility of the Consortium price being advanced in August. At the moment there is deadlock in the shipment market, to which we refer editorially on p. 110.

**BOIS DE ROSE**.—Business continues of small importance: Brazilian spot, 5s. to 5s. 3d.; shipment, about 4s. 10d. per lb., c.i.f.

**CAJUPUT**.—A modest spot demand: B.P., 1s. 9d. to 2s. 1d. per lb., as to quality.

**CANANGA**.—Not much business of any size moving: spot, 8s. 3d. to 8s. 6d. per lb.; shipment, 7s. 3d. per lb., c.i.f.

**CARAWAY**.—Steady spot business in small parcels: Dutch rectified, 9s. to 9s. 1½d.; crude, 8s. 6d. to 8s. 9d. per lb., landed and duty paid.

**CASSIA**.—Market has remained distinctly quiet: spot, leads, good quality, 3s. 2d.; inferior oil, 2s. 10d. per lb.; shipment, drums, 2s. 5½d.; leads, 2s. 8½d. per lb., c.i.f.

**CEDAR LEAF**.—The quotation on spot is well maintained at 5s. 6d. to 5s. 9d. per lb., with supplies very short. No shipment offers.

**CEDARWOOD**.—Modest spot business moving: African, in drums, 1s.; smaller packages, up to 1s. 4d. per lb.; American, in drums, 1s. 1½d.; smaller packages, 1s. 4½d. per lb.

**CINNAMON LEAF**.—The shipment market for Ceylon oil is steadier at about 2s. 5½d. per lb., c.i.f. On spot, drums, 2s. 10½d.; smaller packings, 3s. 1½d. per lb.

**CITRONELLA**.—Business in these oils is mostly confined to small spot orders: Ceylon, spot, drums, 1s. to 1s. 1d.; smaller parcels, up to 1s. 4½d.; shipment, drums, about 8½d. per lb., c.i.f. Java, spot, drums, 1s. 3d.; smaller parcels, 1s. 4d. to 1s. 7d.; shipment, drums, 1s. 0½d. per lb., c.i.f. Java is offered for shipment over 1937 at 1s. 1½d. per lb., c.i.f.

**CLOVE**.—Values are fully steady for Madagascar, with little offered forward: Madagascar, spot, drums, 3s. 3d. to 3s. 4d.; smaller packings, up to 3s. 6d. per lb.; shipment, if available, 2s. 10d. per lb., c.i.f. English oil, 4s. 2d. per lb.

**EUCALYPTUS**.—Market is firm; business in spot quiet: Australian, 70 to 75 per cent., 1s. 2½d. to 1s. 2½d.; 80 to 85 per cent., 1s. 3½d. to 1s. 3½d. per lb., landed; higher prices for small lots on spot. Spanish, 70 to 75 per cent., 1s. 3½d. per lb., ex store.

**GERANIUM**.—Values are unchanged, markets distinctly quiet: Bourbon, spot, 21s. to 21s. 6d.; shipment, 19s. 9d., c.i.f. Algerian, spot, 21s. to 22s.; shipment, 20s. per lb., c.i.f.

**GRAPE-FRUIT**.—Some small spot inquiry, with Empire and Californian oils quoted at about 14s. to 15s. per lb., as to quantity.

**HO (SHIU)**.—Fair business at keen prices: spot quoted from 1s. 6d. to 2s. per lb., as to quality and quantity.

**JASMIN**.—Grasse reports distillers are having to pay 12.75 francs per kilo. for the flowers, compared with 7 francs last year.

**JUNIPER BERRY**.—Not very much doing in this product, with spot quoted from 2s. 10d. to 3s. per lb., as to quantity.

**LAVENDER**.—A report from the source states that with an immediate spell of sunshine there is indication of a good crop of oil and that prices may be slightly lower than last year. Spot remains dull, with quotations irregular: 50 to 52 per cent., 29s. 6d.; 48 to 50 per cent., 27s.; 40 to 42 per cent., 22s.; 38 to 40 per cent., about 20s.; 36 to 38 per cent., 18s. per lb., landed, for good brands.

**LEMON**.—Business in Sicilian hand-pressed has been of no importance on spot, with holders' prices ranging from 7s. 9d. to 8s. 9d. per lb., as to brand, quantity and seller. The shipment market is nominally unchanged, with the source reporting firm conditions. Editorial comment on p. 110. Californian distilled, regular quality, small drums, 3s. 9½d.; cold-pressed unchanged, 6s. 3d. per lb., c.i.f.

**LEMONGRASS**.—The shipment market is again quoted cheaper but is now much steadier at 2s. 4½d. per lb., c.i.f. On spot, the price is about 1s. 10d. upwards, as to quantity.

**MANDARIN**.—Any good oil on spot would be about 31s. 6d. per lb. Shipment is nominally unchanged at 19s. per lb., c.i.f.

**NUTMEG**.—Dealers are quoting small parcels of American oil on spot at about 5s. 4½d. to 5s. 6d. per lb., as to quantity.

**ORANGE**.—The Sicilian sweet and bitter oils are nominally unchanged for shipment, but present conditions make business impossible, source reports market firm. The spot value for the French Guinea oil is firmer, with most holders now wanting 3s. 6d. for drums and one holder asking 4s. Smaller packings, up to 4s. 3d. per lb. Practically nothing offering for shipment. The Californian oil is steady at recent advance, as follows: one case, 4s.; two or more cases, 3s. 10d.; small drums, 3s. 9d. per lb., c.i.f.

**PALMAROSA**.—Market has been dull: spot, 5s. 10½d. to 6s. per lb.; shipment, 5s. 6d. to 5s. 9d. per lb., c.i.f.

**PATCHOULI**.—Fair amount of small business being done: Singapore, spot, 16s. 3d. to 16s. 6d.; Seychelles, 12s. to 12s. 3d. per lb., as to quantity.

**PEPPERMINT**.—About average spot business in the Japanese oil is reported, with the price steady at 5s. 11d. to 6s. Orders cabled to Japan for shipment, July, August and September, were countered with quotations of 5s. 10d. to 5s. 11d., c.i.f. There is a re-seller of July-August at 5s. 9d., c.i.f. The October-December position is of interest with buyers at 4s. 11d. and sellers at 5s. 2d. per lb., c.i.f. The American natural oil has been selling from spot stocks, holders taking their profit. The shipment quotations range from 2 dollars 45 cents to 2 dollars 70 cents per lb., c.i.f. Chinese oil has been called for on spot with the current quotation at 5s. 7½d. to 5s. 9d., as to quantity, and shipment, July-August, 5s. 2d. per lb., c.i.f.

**PEITIGRAIN**.—The keen spot offers have attracted some business: spot, cases, 3s. 6d.; smaller packings, up to 3s. 10½d.; shipment, 3s. 3d. per lb., c.i.f., in cases.

**ROSEMARY**.—No news from the source this week. Spanish good quality oil on spot is mentioned at about 2s. 3d. per lb., with some offers well under this figure.

**SANDALWOOD**.—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot; practically no second-hand offerings. English-made East Indian, 22s. 6d. to 23s. per lb., as to quantity. English-made West Indian, cwt. lots, 5s. 10½d.; 56 lb., 6s. 1½d.; 14 lb., 6s. 4½d. per lb. Australian oil continues steady at the recent reduction; 5 cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

**SASSAFRAS**.—Modest business, quoted unchanged. Natural oil, 3s. 7d. to 3s. 9d. per lb. Artificial oil at cheaper figures.

**SPEARMINT**.—The shipment market continues firm with the price working out at about 7s. 9d., c.i.f. Spot offers range from 8s. to 8s. 9d. per lb.

**SPIKE**.—No news from the source this week. Spanish oil, on spot, 3s. 7½d. to 4s. per lb. for a good quality product.

**VEITIVERT**.—Dealers are offering small spot parcels of Bourbon at about 37s. 6d. per lb.

**WORMSEED**.—Not much business moving. U.S.P. oil, spot, 9s.; shipment is about 8s. 7½d. per lb., c.i.f.



# London Drug Auction

Commercial Sale Rooms,

Mincing Lane, E.C.3.

July 23, 1936.

AT THE DRUG AUCTION held to-day eight catalogues were submitted. The offerings covered the usual range of commodities, but the quantities available were smaller than usual. The demand generally was only moderate, as is usual at this period of the year. The feature of the auction was the brisk demand for all the offerings of bleached CARDAMOMS, which were cleared at good prices. BUCHU also commanded attention in view of the extreme shortage of supplies and very high limits were demanded. ALOES continued firm and unchanged. BENZOIN, Sumatra, was quiet with little demand; Siam, firmly held and supplies very limited. DRAGONS BLOOD was again neglected, but a steady business is reported privately. BALSAM, *Tolu*, was again higher in sympathy with the dearer forward market. IPECACUANHA is a turn easier for Matto Grosso. MYRRH, in small supply and a good business is passing at firm rates. Only moderate offerings were made of HONEY, and whilst nothing actually sold "under the hammer," we understand a steady trade is taking place privately. RHUBARB, continues fully steady, and supplies are very moderate; a good business is passing for the grades available.

ALOES.—Cape, none offered; privately, the market is very steady and any offers from the source would be speedily accepted. On the spot, boxes of fair hard bright are realising 62s. 6d. to 65s. per cwt. Curaçao, 38 cases of dark to middling liver retired at from 90s. to 105s., according to quality.

ANNATTO SEED.—In fair supply: fair bright Jamaica retired at 4½d. to 4½d. and good bright Madras at 3½d. per lb.

ARECA NUTS.—A parcel of a fair Ceylon retired at 19s. per cwt.

BALSAMS.—*Tolu* is dearer and a fair business is reported. In auction a parcel of 3 cases good hard was held for 1s. 10d. per lb.

BENZOIN.—Sumatra was in fair supply, but nothing was sold "under the hammer." Privately, the market is a shade easier. Siam continues in small supply, with business passing at previous rates. Bean size at £22; pea size at £20 per cwt. Saigon, one case of bold almonds retired at £26 10s. per cwt.

BUCHU.—Considerable interest continues in this article, but in the auction the quality of the offerings on the whole was rather mediocre, due, no doubt, to the paucity of supplies. Rounds, 3s. was asked for the better grades and a bale of poorish colour, somewhat stinky, sold cheaply at 2s. 5d. per lb. Ovals, a bale of fair colour was sold at 2s. 5d. per lb.

CANTHARIDES.—A parcel of fair China flies was retired at 2s. per lb.

CARDAMOMS.—A parcel consisting of 39 cases of well prepared Ceylon bleached sold readily with good competition, prices showing a substantial advance on previous rates. Good bold to very small fetched 4s. to 2s. 6d. per lb.

CASCARILLA BARK.—Several parcels offered and were retired at from 1s. 7d. to 1s. 8d. for fair stringy quill, and 1s. 4d. per lb. for siftings.

CHAULMOOGRA OIL.—A lot of 15 cases of Hydnocarpus Wightiana was held for 10½d. per lb.

COLOCYNTH.—Thirteen bales of fair pulp was withdrawn at 2s. per lb. "in bond." This article is in small supply and prices show some advance.

DERRIS ROOT.—There were on offer 25 bales testing 19.5 per cent. ether extract, and 10 bales 23.7 per cent. ether extract, with 4.6 per cent rotenone; prices asked were 1s. 2d. and 1s. 3d. per lb., in bond, respectively.

DRAGONS BLOOD.—Was in smaller supply, but the demand continues slow. Fair to good reboiled lump retired at from £23 to £24; medium £20 to £22 per cwt. Pickings retired at from £11 to £16 per cwt., according to quality.

GAMBOGE.—Is unchanged. For fair to good Siam pipe £13 10s., duty paid, was required.

GUAIACUM.—Thirty-one packages were catalogued and 6 cases of fair pickings were sold at 11d. per lb. Fair bright available at 1s. 6d. and 1s. 7d. per lb.

GUM ACACIA.—Is steadier, especially for shipment. In auction fair Kordofan cleaned sorts was held for 42s. 6d., and a parcel of bleached of medium quality retired at 120s. per cwt.

HENNA.—A parcel of 15 bales of very good green was offered at 28s. per cwt. For brown Egyptian 27s. 6d. to 30s. per cwt. was asked.

HONEY.—At auction to-day 344 packages were offered and firmly held for rates ruling privately. The descriptions were bought in as follows: Jamaica, dark liquid to pale set, 32s. to 44s. per cwt.; Haiti, dark amber set, in bond, 24s.; Australian, dark liquid to amber setting, 22s. to 23s. Mexican, bright yellow set, in bond, 28s.

IPECACUANHA.—Is a shade easier, but a good business is reported. In auction, only 5 bales of fair wirey of very good test were held for 5s. 3d. per lb., a bid of 5s. being noted by the auctioneer.

KOLA NUTS.—Eighteen bags of fair Jamaica halves retired at 2½d. per lb.

MYRRH.—Very limited offerings in the auction. In all 26 packages were catalogued, consisting chiefly of middling sorts, for which £6 10s. per cwt. was asked.

ORANGE PEEL.—A few cases of thin cut Tripoli were available at 1s. 2d., and 1s. 3d. per lb. was of medium quality.

QUINCE SEED.—Several small parcels were offered, but quite neglected, prices ranging from 1s. 8d. to 1s. 9d. per lb.

RHUBARB.—Offerings consisted of a few cases of Shensi, none of it being of fine quality, and full prices were asked. A lot of pickings sold at 2s. 6d. Canton, there are still no supplies. High dried, a few cases of horny coated flat retired at 1s. 8d. per lb. Four cases fine pinky fractured rough round were sold subject at 1s. 5d. per lb., duty paid.

SARSAPARILLA.—Guayaquil, 6 bales retired at 7d.; Honduras, 16 serons were limited at 1s. 9d.; Jamaica, 5 bales grey were withdrawn at 1s. 3d., and 13 bales native, 11½d. to 1s. per lb.

SENNA.—This market is showing more interest, and Alexandrian hand-picked pods of good quality are in very short supply. Tinnelly: there has been more interest and we understand that from origin higher prices are being asked for the new crop, particularly for pods.

STIROPHANTHUS SEED.—A parcel of 100 per cent. Kombè retired at 3s. 3d. per lb.

TONKA BEANS.—Two casks of Angostura were offered at 8s. per cwt. No Para beans were on offer.

WAX.—Nothing was offered in auction.

The next drug auction will be held at the Commercial Sale Rooms, Mincing Lane, on Thursday, September 24.

## London Drug Stocks

LONDON stocks at June 30, 1936, and June 30, 1935:—

Article	Quantity	June 30, 1936	June 30, 1935
Aloes ... ..	cwt.	231	99
Cascara Sagrada ... ..	tons	46	129
Bees' Wax ... ..	packages	—	943
Japanese Vegetable Wax ... ..	cases	323	73
Camphor ... ..	packages	341	584
Cardamoms ... ..	cwt.	266	903
Dragon's Blood ... ..	cases	186	108
Galls, China and Japan ... ..	cases	638	471
Gum Acacia ... ..	packages	12,372	5,295
Asafoetida ... ..	cwt.	420	313
Benzoin ... ..	cwt.	896	427
Olibanum ... ..	packages	246	327
Tragacanth ... ..	packages	5,718	5,490
Ipecacuanha ... ..	cwt.	256	61
Nux Vomica ... ..	cwt.	439	605
Rhubarb ... ..	cwt.	208	339
Senna ... ..	bales	3,912	4,666
Shellac ... ..	cases	125,852	253,394
Turmeric, Bengal ... ..	tons	73	30
Turmeric, Madras, Cochin, etc. ... ..	tons	189	52
Sandrac ... ..	packages	135	59
Mastic ... ..	packages	15	38
Guaiacum ... ..	cwt.	141	158
Ammoniacum ... ..	packages	31	13



# Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

## Warts

SIR,—The correspondence in your columns concerning the treatment and cure of warts must be of general interest, because every chemist meets with cases which provoke his curiosity. Without speculating upon the value of "suggestion," it may be pointed out that appearance of warts is much more common among young people than among their elders—and it is very common for these excrescences to disappear without any remedial aids. As a consequence all kinds of remedies and "charms" have for ages past acquired reputations altogether undeserved. I have seen not a few bad cases which have gradually cleared up without any treatment whatsoever. With respect to the remarks of Xrayser, I should say that no book on medicine or folk-lore exists without some mention of the curing of warts. Some methods are magical, while others involve the use of medicines, generally in the form of applications. Pliny, in his "Natural History," mentions over a score of remedies—most of which are curious and some of a disagreeable nature, such as urine, the ashes of calves' dung and the ashes of a woman's hair. Plants with acrid juices were rather popular. At the present day the old wives will recommend the rubbing of the offending growth with a wedding ring which must be of gold. And this belief has prevailed for at least 2,000 years, as appears from Pliny's statement, in his thirty-third book, that Varro had stated that gold is a cure for warts ("Auro verrucas curari M. Varro, auctor est"). In the seventeenth and eighteenth centuries, as shown by Xrayser, caustics were employed by the faculty. The people themselves are better represented by Wesley ("Primitive Physic"), who recommended the radish, the juice of dandelion, marigold flowers, solution of sal ammoniac, milk of the fig-tree and purslane as a poultice. Lupton, about a hundred years earlier ("A Thousand Notable Things"), mentions elderberry juice, woodbine leaves, fig-tree leaves, head of a live eel, raw beef thrown away where it could rot, and burying the wart with a pin. This idea of transferring the wart to another person is mentioned by Pliny. In Frazer's "Golden Bough" are found mentioned many similar notions. There was a widely extended belief in the influence of the moon which finds expression in Sir Thomas Browne's statement that "we rub our hands before the moon" to eradicate the warts. Sir Kenelm Digby says if this is done by "washing the hands in a well polished silver bason," without a drop of water, by the reflection of the moonbeams only, it is an infallible way to remove warts from the hands. The fact that warts do disappear under the influence of what is called *vis medicatrix naturæ* explains to us why the old women so confidently throughout the ages have affirmed with manifest proofs that their remedies and charms are effectual in this particular trouble.—Yours faithfully,

WILLIAM KIRKBY.

Northfield, Birmingham.

## N.H.I. Payment

SIR,—I have just received my N.H.I. payment for May with about 12 per cent. deducted—no apologies, no regrets. A circular sent suggests too much medicine, etc., supplied, so the chemist must take what is offered and be thankful. Had we been a trade union with strong voting power it would have been very different. The fact is the Government and the Pharmaceutical Society are afraid of the doctors. The latter get all they want, favour their patients, give expensive scrips, and as the fund will not stand it the chemist is squeezed to pay for it. The whole thing needs readjusting; the doctor should be paid less and the chemist more. After all the hours we put in, the risks we run (through ammonia not being up to strength or quinine too strong) the remuneration is a national scandal. The Government boasts on the radio it has a surplus of millions in the N.H.I. funds and the big dailies say doctors and chemists have had their cuts restored in full. This is incorrect; the meagre fees have been made more so, and our leaders do nothing to stop the rot. Wake up, chemists!

Yours faithfully,

HADSUM (20/7).

SIR,—The most notable statement in the report of the Committee on the Scottish Health Services, so far as pharmacists are concerned, is the one comparing the cost of supplying drugs to insured persons in Scotland to the cost in England (*C. & D.*, July 18, p. 78). In the former country the cost is 1s. 11½d. per head, but in the latter it is 2s. 11d., half as much again. If proper treatment can be secured for the lower figure, which even then the Committee consider too high, there must be some serious cause for the extra expenditure in England. Whatever the cause is (and it should be ascertainable), the difference of 1s. a head is far too great and shows that a saving could be effected somewhere without prejudicing the patients. A quarter of that amount, 3d. a head, would put the drug fund into a state of solvency and allow the chemists' accounts to be paid in full instead of anticipating further discounting, which they are likely to experience once more at the end of the present year. But whatever the condition of the fund may be, out of all the parties concerned in administering the insurance scheme the chemist has fared by far the worst. Although we must feel a certain satisfaction at the Committee endorsing the view that qualified pharmacists should be employed for dispensing, we cannot foresee with any complacency an extension of the work to dependants and others unless there is a review of the scale of dispensing fees in terms more adequate to the nature of the work involved, and a guarantee that all accounts will be paid in full.—Faithfully yours,

PER CAPUT (21/7).

## Poisons Queries

Subscribers are asked before sending us inquiries to consult the *C. & D.* "Poisons Guide," also the following articles which have appeared in the *C. & D.*: How to Supply Poisons (January 18, p. 69); Labelling of Poisons (March 7, pp. 284, 285); Wholesale Dealing in Poisons (April 25, p. 493.)

*F. A. B.* (20/74).—There is no definition of the word "drugs" in the Pharmacy and Poisons Act, but only of poisons.

*L. D.* (24/63).—An intestinal antiseptic and carminative containing 25 per cent. of acid. sulph. aromat. and 4 per cent. of chloroform is free from poison restrictions as it is exempt from the application of the Act and Rules.

*S. & C.* (14/74).—Tincture of opium when diluted more than 1 in 5 is outside the Dangerous Drugs Regulations, and outside Schedule I of the Poisons Rules. It would, however, still remain a Part I poison. It will be necessary to label the preparation with the percentage of poisonous ingredients, the name and address of the seller, and the words "Caution: It is dangerous to exceed the stated dose."

*J. M. M.* (10/74).—The wording of your label and carton should be modified by the end of the present year in order to conform with the Poisons Rules. Preparations of this kind must then be labelled: "Caution. It is dangerous to exceed the stated dose." The word "poison" should not be used, but the name and proportion of any poison present should be declared. If you intend to destamp the preparation, it will be necessary to print the full formula on all labels and cartons and to add the words: "No proprietary rights are claimed in the preparation of this medicine."

*L. L. D.* (24/62).—A liniment containing 33 per cent. of chloroform may be supplied in a ribbed amber glass bottle provided the ribs are vertical and recognisable by touch. Such pre-packed poison must be labelled with the name of the article, the name and proportion of poison, and the words "Poison. For external use only," which must be on a separate label or within a frame within which there are only words required by the Act and Rules. A blank space may be left for the name and address of the retailer, who must be an authorised seller of poisons as the preparation is an unscheduled Part I poison. The wholesaler cannot supply direct to the public unless registered as an authorised seller of poisons.



## Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

C. C. (14/74).—ORANGE SKIN FOOD.—A formula for orange skin food is as follows:—

Lanolin ... ..	1 oz.
White soft paraffin ... ..	1½ oz.
Yellow soft paraffin ... ..	1½ oz.
Liquid paraffin ... ..	1 oz.
Hard paraffin ... ..	2 dr.

To be well milled. For perfume add synthetic neroli. For lemon, add lemon juice while milling—the juice and liquid paraffin to be ½ oz. each.

H. S. (36/64).—VETERINARY ANTISEPTIC OINTMENT.—A formula for a veterinary antiseptic ointment is as follows:—

Iodoform ... ..	2 oz.
Boric acid ... ..	2 oz.
Eucalyptus oil ... ..	1 oz.
Lanolin ... ..	½ lb.
Soft paraffin ... ..	½ lb.

N. E. D. (20/78).—CONCENTRATED ORANGE JUICE.—The concentration of orange juice is undertaken on a large scale by growers in California and South Africa and is, we understand, evaporated *in vacuo* at the lowest possible temperature. The concentrated juice is sometimes supplied as a sterilised product in bottles, but more often preserved by sulphur dioxide and shipped in barrels.

W. B. (10/72).—LEMON SEIDLITZ.—The amount of saccharin and oil of lemon required for your seidlitz mass is to some extent a matter of experiment. A suitable amount to commence with would be 25 grains of the former and one drachm of the latter per pound of material.

B. & C. (20/78).—LEMON AND BARLEY DRINKS.—These may be made either from powdered pearl barley or from a decoction of pearl barley (two ounces to the pint or concentrated four ounces to the pint). In powder preparations there is usually an addition of citric acid, sugar and oil of lemon, while liquid preparations are flavoured with lemon juice and flavouring from the peel. A satisfactory preparation could be made in the following manner: Boil for ten minutes four ounces of pearl barley and the rind of one lemon with two quarts of water; add sugar to taste and the juice of two lemons. Alternatively, evaporate a pint and a half of decoction of pearl barley, B.P. 1885, to one pint. Add sugar to sweeten and the juice of one lemon.

G. C. (26/68).—DESTROYING BUGS.—Mercuric chloride is extensively used for destroying bugs, as in the following formulas:—

I	
Mercuric chloride ... ..	4 oz.
Ammonium chloride ... ..	4 oz.
Water ... ..	80 oz.

Dissolve and add:

Glycerin ... ..	4 oz.
Wood naphtha ... ..	80 oz.

II	
Mercuric chloride ... ..	1 oz.
Water ... ..	120 oz.

Dissolve and add:

Tincture of insect powder (1 in 4) ... ..	16 oz.
---	--------

These preparations are to be brushed over the parts where the pests are, and it is a good plan to add about half a pint of either solution to each bucketful of whitewash used for cleaning the walls and ceilings of the rooms. Particular attention should be paid to cracks in the woodwork, into which the poison can be introduced by means of a feather. The method which is usually recommended by local authorities is fumigation with sulphur dioxide. It would be necessary to seal all the outlets such as keyholes, etc., and to remove from the rooms anything likely to be damaged by acid fumes.

J. M. L. (29/72).—OIL OF WORMS.—The preparation usually supplied to-day for oil of worms is rape oil or olive oil slightly coloured with tar. The Edinburgh Pharmacopœia 1744 ordered oil of earthworms to be made by boiling one part of earthworms in one part of sherry and three parts of olive oil until the wine was evaporated. The preparation was then strained and pressed.

V. J. W. (20/71).—DIABETICS.—We think the following books will meet your requirements:—R. D. Lawrence's "The Diabetic Life" (8th ed. Churchill, 1934, 8s. 6d.); J. J. Conybeare's "Manual of Diabetes" (Oxford University Press, 1935, 6s.).

G. D. J. (17/74).—PARAFFIN WAX EMULSIFICATION.—Paraffin wax by itself cannot be made into an emulsion without a homogeniser, and even then it is difficult. The wax can be dissolved in oil and then suspended by the usual emulsification processes. There are several formulas in P.F., Vol. 1. Alternatively, you could try the following formula:—

Cetyl alcohol ... ..	3 dr.
Paraffin wax ... ..	3 dr.
Industrial alcohol ... ..	1 oz.
Triethanolamine ... ..	1 oz.
Water ... ..	9 oz.

By aid of heat liquefy the cetyl alcohol and paraffin wax, then add the alcohol and finally, with steady shaking, the water containing the triethanolamine. If the heat has been such as to yield a thin liquid, shake frequently until cold.

M. H. (21/71).—FOOT SALVE.—Equal parts of boric ointment and zinc ointment, perfumed with, say, methyl salicylate or eucalyptus oil should meet your requirements. The use of the word "salve" renders the title a dutiable one, so that it would perhaps be better to use the word "paste," in which case we suggest the following formula:—

Boric acid in powder ... ..	½ oz.
Zinc ointment ... ..	1½ oz.
Methyl salicylate ... ..	12 minims

Roxon (14/6).—INGROWING TOE-NAIL.—Apply by means of a brush a 5 per cent. solution of sodium sulphide. The skin around the nail should be smeared with soft paraffin to prevent its being burnt by this solution. When the nail is softened, scrape away the soft portion with a blunt knife, and repeat the process if necessary.

H. S. Y. (29/74).—VETERINARY TINCTURE OF IODINE.—The medical profession refuse to use a tincture of iodine made with industrial methylated spirit as they find that irritation is set up in some cases, though there appears to be no trace of any reports of similar occurrences in animals. Isopropyl alcohol would probably be the most satisfactory substitute for industrial spirit.

## Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," July 24, 1886

### The Wrong Choice

"Peep o' Day" tells us the following incident:—Sunday morning: Mr. K. gone to church. Mrs. K. answers the door to a youth who wants three leeches. Mrs. K.: "Mr. K. is out and I am afraid of them. You may take them from the aquarium if you like, and I will give you a box." Youth takes what he requires, pays, and departs. Evening: Mr. K. at home. Enter youth: "If you please, Mr. K., these leeches will not take." Mr. K.: "Indeed! They must be quite healthy too. There should be no difficulty." Youth: "We have tried them over and over again. We cannot even get them to come out of their shells." Mr. K. "tumbles" at once. The youth had taken trumpet snails instead of leeches.



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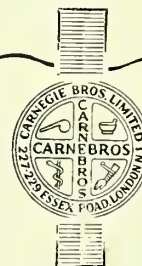
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STIMULANT  
of  
RARE EFFICACY

An ethical pharmaceutical product for which a continuous propaganda is being conducted with the Medical Profession.

	Retail	Wholesale	
Bottles of 2½ fl. oz.	1/6	13/6	per doz.
„ „ 6 fl. oz.	3/-	27/-	„ „
„ „ 16 fl. oz.	6/-	54/-	„ „

Stocks are held by the leading Wholesale Houses

*Your co-operation in promptly obtaining supplies when required will be appreciated*

**THE ANGLO-FRENCH DRUG CO. LTD.**  
11-12 GUILFORD STREET, LONDON, W.C.1.

**50%  
PROFIT**

## A LINE THAT IS WELL WORTH SELLING LOSALL'S SALT

for GOUT, RHEUMATISM, ECZEMA AND SKIN AFFECTIONS

This chalybeate sulphur salt has a world-wide reputation. It makes an excellent window show—is worthy of your recommendation and is a most profitable line. Ask us for special display terms. Full size sample tin gladly sent on application to

**LOFTHOUSE & SALTMER LTD. — HULL**



**EPSOM SALTS**  
*Commercial and B.P. Qualities  
also Powdered*

**Glauber's Salt**  
*Commercial and B.P. Qualities  
and Desiccated*

**Zinc Sulphate**  
*Commercial and B.P. Qualities*

**Zinc Chloride**  
*Fused, Granulated and Liquid*

**WILLIAM  
BLYTHE  
& CO., LTD.**

Holland Bank Chemical Works

**CHURCH  
LANCASHIRE**

**Hyposulphite  
of Soda** *Pea Crystals*

**Lead Arsenate**  
*Paste and Powder*

**Precipitated  
Sulphur  
WEED KILLER**

*A list of our general Technical  
Chemicals sent on application*

**'CUTTERS'**

(REGISTERED)  
THE ORIGINAL  
AND ONLY  
'CUTTERS'

**'CUTTERS'**

**HEAD & NERVE POWDER**

FROM YOUR WHOLESALE, OR SEND DIRECT TO PERRY'S POWDERS, LTD., LEEDS



# ALKALOIDS

FINE CHEMICALS AND OPIUM DERIVATIVES

*Goods  
covered by  
Dangerous Drugs  
Acts offered  
subject to all  
regulations*

Aloin • Atropine • Bismuth Salts • Caffeine • Cantharidin  
Capsicin • Chloroform • Chrysarobin • Codeine • Diamorphine  
Emp. Canth. Liq. • Ephedrine • Ergotin • Eserine • Ethyl-  
morphine • Gingerine • Hyoscyamine • Jalap Resin • Leptandrin  
Morphine • Opium • Podophyllin Resin • Salicin • Santonin  
Scammony Resin • Strychnine • Veratrine and other  
Pharmaceutical Chemicals and Preparations.

## T. & H. SMITH LTD.

25 CHRISTOPHER STREET, LONDON, E.C.2

*Blandfield Works,  
Edinburgh,  
32-34 Virginia St.,  
Glasgow*

# CREAM OF MAGNESIA

(MIST. Magnes. Hydrox. B.P. U.S.P.)

An Antacid Emulsion in almost perfect suspension produced by the  
"PATTINSON" method of precipitation and therefore free from Alkali and Salts

Packed for the Wholesale Trade

ASK US TO SEND YOU A FREE 12-oz. SAMPLE BOTTLE

**PATTINSONS**  
REGD.  
BRAND  
**PRODUCTS**

Sole Manufacturers:

**WASHINGTON CHEMICAL COMPANY**

Branch of TURNER & NEWALL, LTD.

WASHINGTON STATION, CO. DURHAM

## THE CHEMIST'S COMPACT LIBRARY

Money-Making and Money-saving Books

**EVERY BOOK by an EXPERT**

May be obtained at the published prices from any Wholesale Drug or Sundries House, or from

**"THE CHEMIST AND DRUGGIST," 28 Essex Street, London, W.C.2**

BRANCH OFFICES:

Manchester and Sheffield, England; Glasgow, Scotland; Melbourne and Sydney, Australia; Auckland, New Zealand



**"CLARKES"**

Brand

World-famed Blood-purifying Medicine

**"BLOOD MIXTURE"**

Registered Trade Mark

UNSTAMPED, FOR SALE BY CHEMISTS ONLY

**P.A.T.A. PRICES****"CLARKES" Brand BLOOD MIXTURE**  
(Liquid and Tablets)

Retail 3/-. 3 doz. lots **£4-4-0** less  $3\frac{3}{4}\%$  one month  
 12 " " **£16-16-0** "  $8\frac{3}{4}\%$  " "  
 CARRIAGE PAID PACKING FREE

**ASSORTED ORDERS**

<b>"CLARKES" Brand</b>			Retail	Per Doz.
<b>"BLOOD MIXTURE" (Liquid)</b>			1/9	16/4
"	"	"	3/-	28/-
"	"	"	12/-	112/-
<b>"BLOOD MIXTURE" (Tablets)</b>			1/9	16/4
"	"	"	3/-	28/-
"	"	"	5/-	46/8
SKIN LOTION	...	...	1/3	11/8
SALVE	...	...	1/3	11/8
"	...	...	3/-	28/-
"	...	...	5/-	46/8
APERIENT PILLS	...	...	1/3	11/8
"	...	...	3/-	28/-
<b>MEDICATED SOAP</b>				Doz. Tablets
Box 3 Tablets	...	...	2/6	7/10
Single Tablets	...	...	1/-	

Orders may be assorted as desired at above rates  
 provided they reach minimum values, as follows:—

**£4-4-0** less  $3\frac{3}{4}\%$  one month  
**£16-16-0** "  $8\frac{3}{4}\%$  " "

CARRIAGE PAID PACKING FREE

ORDERS may be sent direct or through the usual  
 wholesale houses

**The Lincoln & Midland Counties Drug  
 COMPANY, LIMITED**

**PARK STREET, LINCOLN**

Telegrams: "Lindum, Lincoln" Telephone: Lincoln 55

**YOU SHOULD STOCK****TAMAR  
INDIEN  
GRILLON**

Because this famed fruit laxative  
 is consistently advertised in the  
 best magazines, and is in constant  
 demand.

**Dr. Jaillet's  
PEPTO-FER**

Because it has earned world-wide  
 repute as a pleasant-tasting tonic  
 which produces the most bene-  
 ficial effect on convalescents and  
 anæmics.

**RIGOLLOT'S  
MUSTARD  
LEAVES**

Because their strength and supe-  
 rior quality make them the best  
 mustard plasters obtainable.

Note: RIGOLLOT'S MUSTARD for veterinary pur-  
 poses is an indispensable line for the chemist who serves a  
 rural community.

All inquiries (except for Pepto-Fer) to:

GUYOT-GUENIN & SON (Dept. C.D.)  
 59 Southwark Bridge Road, London, S.E.1.

For Pepto-Fer, please write direct to:

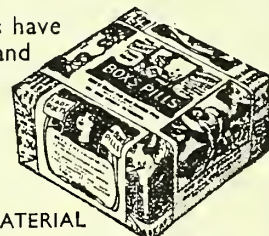
Dept. C.D., DARRASSE FRÈRES,  
 13 rue Pavée, Paris IV, France.

# EVERYWHERE -BOX'S Indigestion PILLS ARE IN DEMAND!



P.A.T.A. List  
 1/3, 3/-, 5/-, 22/-  
 Retail Prices

For 40 years Box's Pills have  
 been curing Indigestion and  
 building sales — today  
 Box's Pills are selling  
 better than ever.

**FREE**

WINDOW DISPLAY MATERIAL

WILL BRING THE BUSINESS IN  
 Eye-catching display stands and showcards in full colour  
 are available "by return" from the manufacturer. Supplies  
 of Pills through your usual wholesaler or direct.

**W. H. BOX**

161 KING ST., PLYMOUTH



# PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

# WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

# LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.  
ALL SPECIFIC GRAVITIES.

B.P. AND TECHNICAL QUALITIES

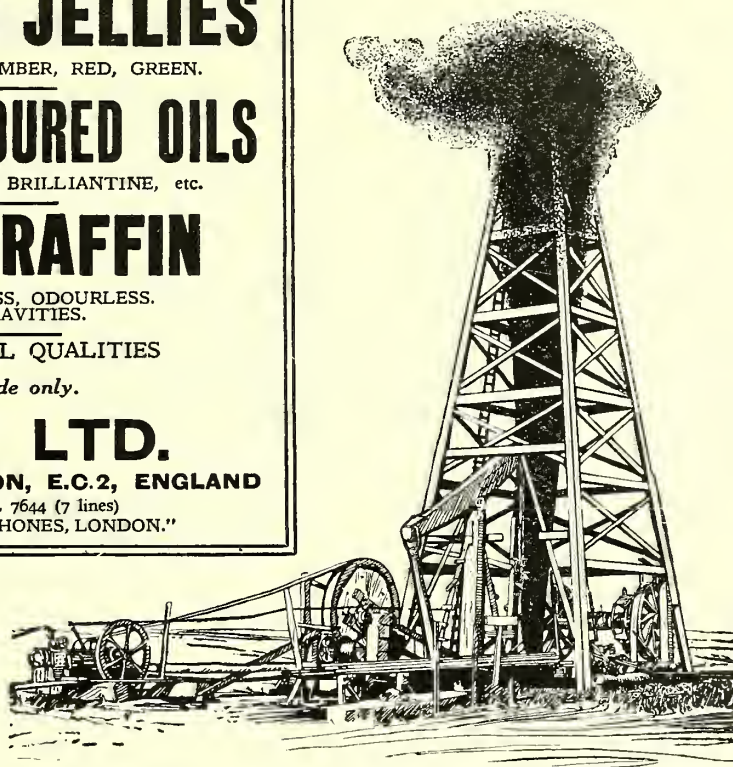
*Wholesale Trade only.*

# STERNS LTD.

16 FINSBURY SQ., LONDON, E.C.2, ENGLAND

Telephone: NATIONAL 7644 (7 lines)

Telegrams: "CENTUMVIR, PHONES, LONDON."



**Costs 5/-**  
to retail 7½d or 8d.

PRU-LAX answers the call for a pleasant, effective and thoroughly safe vegetable laxative free of mercurials and phenol-phthalein. Strongly in demand. Send for a sample.

FOR A BIGGER SUMMER TURN-OVER with the minimum of effort display Gibson's Sweets. In particular Gibson's Fruit Drops make a colourful, attractive line. Distinctive REAL FRUIT flavour. The portable convex jars at 6d and 10½d are no trouble to handle.

**ROBERT GIBSON & SONS LTD.**  
**HULME MANCHESTER**

Established 1880

**H. E. STEVENSON & Co., Ltd.**

10 Pancras Lane,  
Queen Victoria Street, London, E.C.4

# Halibut Liver Oil

*Finest Refined Quality*

Biologically standardised for Vitamin A & D and free from any added Vitamin.

## IN BULK

Or in

5 c.c. vials in cartons. 15/- per dozen.

Also in

Bottles of 25 × 3m Capsules beautifully packed. 17/- per dozen.

H.L.O. Emulsion





TELEPHONES HOP 2422 (4 lines)

## RETAINS YOUR CUSTOMERS FIRMLY IN POSITION!

THE FINEST DENTURE FIXATIVE YET  
MARKETED

# DENFIX

MADE BY

### ROBERT BLACKIE,

TOWER BRIDGE ROAD,  
LONDON, S.E.1

AND — SPUN OINTMENTS — OF COURSE

## SAPO MOLLIS VIRID B.P.

FOR PHARMACY &amp; TOILET USE

We are in a specially favourable position to  
quote. Prices and Samples sent on application.  
Please state quantity required. Wholesale only.

BLEASDALE Ltd. MANUFACTURING CHEMISTS YORK

## The "SPECIAL" BACK, KIDNEY & BLADDER PILLS

A 1/3 Line Costing 5/6 per Dozen.

"THE BOX WITH THE PINK WRAPPER" ALWAYS GIVES SATISFACTION.  
THE ACTON PILL & TABLET CO. LTD., ASH VALE, SURREY.

## YERBA MATÉ

The merits of this famous health tea from South America are well known. Stimulating, nourishing, it is invaluable for Rheumatism, Dyspepsia, &c. Once introduced, it means regular customers all the year round. Why not get your share of this business? We will send you sample dozen elegantly packed for 4/9 C.O.D.

Stockists: MAY, ROBERTS &amp; CO.

BATLEY &amp; Co., Stockport

Telephone:  
Stockport 3323

## DRIED YEAST

Produced from the celebrated  
D.C.L. pure culture Yeasts.  
1. For fermentation or baking.  
2. For medicinal use  
ground powder

## YEAST TABLETS

IN BOTTLES OR BULK

1. Live or fermenting.
2. Silent or non-fermenting

## DRIED MALT EXTRACT

A kindred product to the  
world renowned D.C.L.  
Malt Extract

The  
**DISTILLERS  
COMPANY LTD.**  
12 TORPHICHEN ST.  
**EDINBURGH**

also

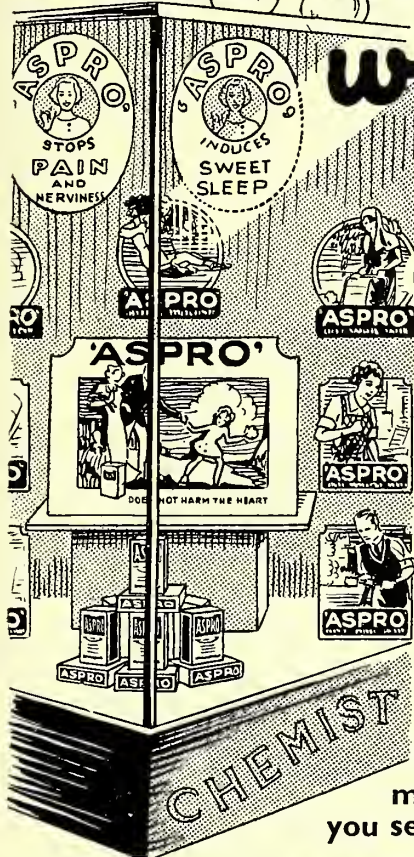
The United Yeast  
Company Ltd.

LONDON  
BRISTOL  
BIRMINGHAM  
MANCHESTER  
LEEDS  
NEWCASTLE

Write for Samples & Prices



# Tell them in your window that **YOU** stock 'ASPRO'



When you put 'ASPRO' advertising matter in your window you attract customers to your shop. Your general sales benefit. Remember, large space 'ASPRO' Advertisements are carried several times monthly by over three hundred papers, with a total circulation of over 32,000,000. You get your share in the sales activity created by this advertising when you show 'ASPRO' advertising material—just as if you spent a proportionate amount of money on the advertising yourself. We suggest you send for an 'ASPRO' display to-day. Remember,

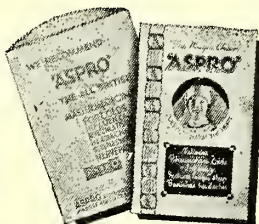
## 'ASPRO' ADVERTISING produces the customers

## 'ASPRO' DISPLAYS bring them in

use these  
'ASPRO'  
aids to  
SALES

### CHEMISTS ENVELOPES AND BAGS

Kristal Envelopes  
2/6 per 1,000.  
Grease proof  
2 oz. bags  
1/- per 1,000.  
Cash with order.



### WINDOW STICKERS



### GIANT CARTON



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made in England by  
**ASPRO LIMITED**  
SLOUGH, BUCKS.  
Telephone: Slough 608

No proprietary right is claimed in the method of manufacture or the formula.

**'ASPRO'**  
REG. TRADE MARK

## AVAIL YOURSELF OF THE 'ASPRO' BONUS

### BONUS ON 5's & 10's

One gross order ... Bonus 1 dozen packets  
Half gross order ... Bonus 1/2 dozen packets  
Half gross of either size is the minimum order  
accepted for bonus purposes

### BONUS ON 25's

One Gross order .. Bonus 2 dozen packets  
Half Gross order .. Bonus 1 dozen packets  
Quarter Gross order Bonus 1/2 dozen packets  
Quarter gross is the minimum quantity

NO BONUS ON 60's

### BONUS CONDITIONS—

The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' advertising matter in his shop window for 14 days and sell at advertised prices. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices.



**Dr. J. Collis Browne's Chlorodyne**  
and  
**The Pharmacy and Poisons Act, 1933**

**Conditions of Sale**  
**—: UNAFFECTED :—**

**Dr. J. Collis Browne's**  
**CHLORODYNE**

**SALE RESTRICTED TO REGISTERED CHEMISTS**

*Sole Proprietors: J. T. DAVENPORT Ltd., Union St., London, S.E.1*

**MASON'S EXTRACT OF HERBS**  
**WINDOW SHOW TERMS**  
**ARE NOW AVAILABLE**



**Apply for Illustrated Particulars to**  
**NEWBALL & MASON LTD. - NOTTINGHAM**

**Increase your profit**  
**and goodwill...**  
**by stocking**

Also makers of Table Rusks,  
Charcoal Biscuits and Dietetic  
Biscuits. Send today for  
Samples and Price List to:—  
**ALEX. ROBB & Co. Ltd.**  
(Dept. C.T.2)  
145 Atkins Rd., London, S.W.12

**Robb's**  
**NURSERY**  
**THE COMPLETE INFANT FOOD**  
**BISCUITS**

**CAVENDISH CHEMICAL CO. (NEW YORK) LTD.**

**Oxford Works, Tower Bridge Rd., London, S.E.1**

**ATOCIN** tablets for Rheumatism, Lumbago, etc.  
**BISMOLAN** suppositories and ointment  
**CARNACTON** ampoules and for oral administration  
**CAVODOL** Cod Liver Oil Compound Tablets  
**CAVODOL** Cod Liver Oil Extract tablets with  
Iron and Colloidal Copper  
**ELIXIR NEUROGENIC** (Cavendish) Tonic  
**LIPOLYSIN** (Cavendish) tablets and ampoules  
**LECITHIN-YOHIMBIN** tablets and Silver pills  
**PANCRESALETs** for Diabetes Mellitus  
**TESTONAD** and **OVANAD** tablets  
**YOHIMBIN** tablets and ampoules

*Literature and further information on request*



# VICHY-CÉLESTINS

*The world renowned NATURAL Mineral Water.*

(And the other State Springs of Vichy)



We beg to remind the Trade that the above are on the P.A.T.A. list and show a good return to retailers.

These waters are largely prescribed by Physicians, and Chemists would do well to have an ample stock on hand.

Pamphlets, Show Cards and Dummy Bottles forwarded on application.

*CAUTION—Each bottle from the STATE SPRINGS bears a neck label with the word "VICHY-ÉTAT" and the name of the*

SOLE AGENTS:—

## INGRAM & ROYLE LTD.

Bangor Wharf, 45 Belvedere Road, London, S.E.1

And at LIVERPOOL and BRISTOL

Telegraphic Addresses:

"Ingram-Royale Watloo, London."

"Sprudel, Bristol."

"Celestins, Liverpool."

'Phone: WATERloo 4343 (2 lines).

'Phone: 21913.

'Phone: Bank 4528.



# BOTTLES

BRITISH MADE

OF  
QUALITY

For over 80 years we have been making bottles of every description to meet the needs of the Trade. We are in a favourable position to produce all types—machine made—at highly competitive prices and of a quality second to none.

We shall welcome your enquiries. \*Phone : Trafford Park 0814-5

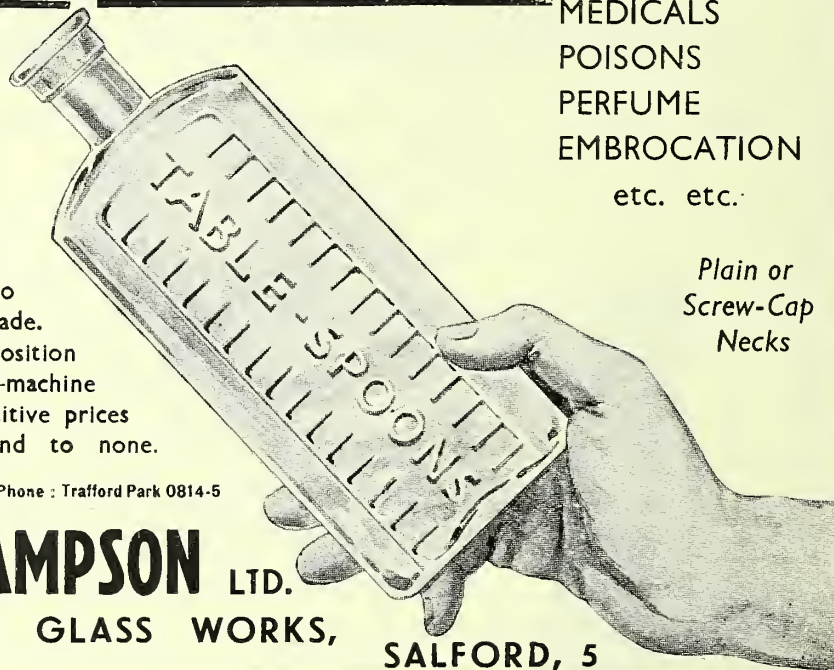
## FREDK. HAMPSON LTD.

PERSEVERANCE GLASS WORKS,

SALFORD, 5

MEDICALS  
POISONS  
PERFUME  
EMBROICATION  
etc. etc.

Plain or  
Screw-Cap  
Necks



# BOTTLES OF ALL KINDS

TABLETS · POISONS · VIALS  
ASPIRIN TUBES · IODINE  
BOTTLES & PENCILS · DROP  
BOTTLES · POTS etc.

Also large permanent stock  
of Perfume and Lotion Bottles  
with Bakelite, Beetle and  
Metal Caps. . . .



## VITREA UNION

BOTTLE & GLASSWARE CO. LIMITED

\*GRAMS : VITRAGLAS  
PHONE LONDON

173 EVELYN ST.  
LONDON, S.E.8

\*PHONE :  
NEW CROSS 3577

## FREEMANS' "GARLICO"

FOR DOGS

EXPELS WORMS WITHOUT DISTRESS  
A GREAT ANTI-DISTEMPER SPECIFIC

As the result of our extensive advertising in Canine Journals, Chemists are experiencing a general demand for this remarkable Dog Remedy. We are helping you; will you reciprocate by having a small stock? THIS IS A CHEMIST'S LINE.

Retail prices: 1/3, 3/3 and 10/- per bottle. Obtainable direct, or through the following wholesale Houses: Butler & Crispe, Ltd., May Roberts & Co., Sangers Ltd., W. Sutton & Co., Ltd., John Thompson Ltd., Evans Sons Lescher & Webb Ltd., T. & H. Smith Ltd., A. S. Price & Co., Ltd., Blackheath, Birmingham, Southall Bros. & Barclay Ltd., etc. etc.

FREEMANS' VETERINARY CHEMISTS LTD.  
BLACKHEATH, BIRMINGHAM

## TAPERED, PYRAMID, DOMED AND FLANGE CORKS

COMPOSITION AND BAKELITE  
STOPPERS

THE MOST COMPETITIVE MANUFACTURERS IN  
THIS COUNTRY

MUNDET CORK PRODUCTS, LTD.  
12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1

Telegrams:  
MUNDETCOMP, BERM, LONDON

Telephone:  
HOP 2043-4-5



British Made  
*"Adaptocaps"*  
for all  
your  
bottle  
Capping



**The London Capsule Co.**  
EMPIRE WORKS, MITCHAM RD CROYDON  
TELEPHONE: THORNTON HEATH 3014    TELEGRAMS: "METACAP, CROYDON"

DRC

**Armstrong's**  
TAPER **(A)** CORKS

ARMSTRONG CORK CO. LTD.,  
ALDWYCH HOUSE, LONDON, W.C.2.  
HOLBORN 9884/7 and HOLBORN 7503/5.

NOW BRITISH MADE  
**WAGNER'S DRY BOTTLE CAPS**  
BEST IN QUALITY & APPEARANCE



Self-Fixing  
**R. V. WAGNER**  
33 BROOKE ST., LONDON, E.C.1 Tel. Holborn 5090



*Designers & Makers*  
*of*  
*Quality Glassware*  
*for*  
*Perfumery.*

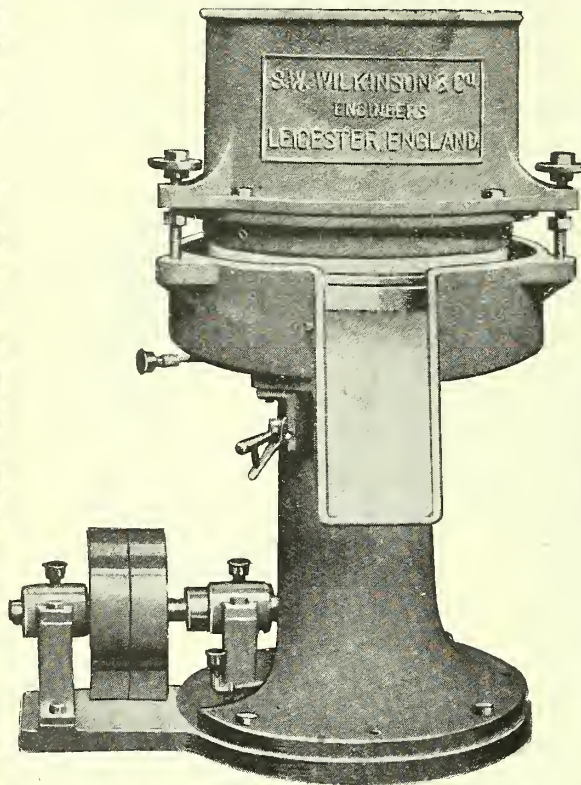
ESTABLISHED 1828

**WOOD BROS. GLASS CO.**  
LIMITED

**BARNLEY**

**ENGLAND**





**The Latest Triumph in  
OINTMENT MILLS**

**SUPER SPEEDY MILL**

IN REGULAR USE ALL OVER THE WORLD

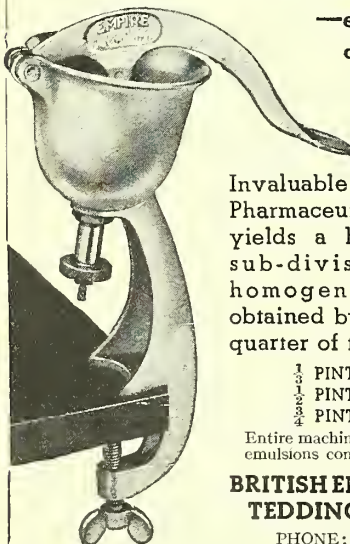
**THIS** Machine is a combined Mixer and Grinder and is used very successfully in the production of all kinds of Ointments, Tooth Pastes, Beauty Creams, Patent Foods, etc.

*Each Machine incorporates Thirty Years' Accumulated Experience*

**S. W. WILKINSON & Co.**  
*Chemical Engineers and Specialists in  
Pharmaceutical Machinery*  
**Western Road, LEICESTER**

**THE  
EMPIRE  
EMULSIFYING MACHINE**

—easily and  
quickly cleaned



Invaluable for the making of Pharmaceutical Emulsions—yields a higher degree of sub-division and better homogenisation than is obtained by hand and in one quarter of the time.

1 PINT SIZE.... 8/6  
2 PINT SIZE.... 12/6  
4 PINT SIZE.... 17/6

Entire machine Chromium Plated (for emulsions containing ALKALI) 25/-

**BRITISH EMULSIFIERS LTD.  
TEDDINGTON, MIDDX.**

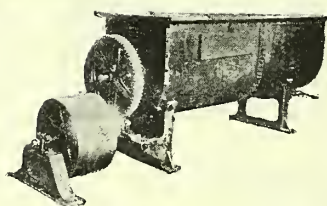
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# GARDNER'S

'Patent "Rapid"'

# MIXERS

FOR ALL KINDS OF MATERIALS



These mixers are being used with success by both large and small firms of Manufacturing Chemists whose products range from cosmetics to Baby and Stomach powders. Will blend one part with 1,750.

Some other  
**GARDNER  
HIGH EFFICIENCY  
MACHINERY**

Sifters  
Combined Sifters  
and Mixers,  
Spraying and  
Blending Plant,  
Dryers.

**Wm. GARDNER & SONS**  
(Gloucester) LTD., Bristol Road, Gloucester  
Telephone: 2288 (2 lines)      Telegrams: "Gardner, Gloucester"  
London Office: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1  
Telephone: Chancery 7347





# GOOD PROFITS

**SHERLEY'S**  
 TONIC AND  
 CONDITION POWDERS  
 CAT CONDITION  
 POWDERS  
 WORM CAPSULES  
 AND POWDERS  
 CANKER LOTION  
 AND POWDER  
 SKINCURE  
 INSECT POWDER  
 COUGH TABLETS  
 FIT TABLETS  
 DISTEMPER CURE  
 FORMALIN SOAP  
 SHAMPOO  
 DRY SHAMPOO  
 LACTOL  
 LACTOL BISCUITS  
 2d. DOG BOOK  
 2d. CAT BOOK

There is always a good demand for Sherley's Dog and Cat Foods and Medicines. They are extensively advertised, and Trade Terms are generous with special extra discounts of 2½% discount on £2 parcels plus a further 5% for window display. Excellent range of Show Material supplied free. Being prepared by fully qualified analytical and pharmaceutical chemists you can recommend all Sherley Products with fullest confidence.

A. F. SHERLEY & CO., LTD., 18 Marshalsea Rd., London, S.E.1

# SHERLEY'S

## DOG AND CAT FOODS AND MEDICINES

### HARVEY'S Horse Remedies

P.A.T.A.  
Protected Prices.



THESE Remedies are used in most of the Training Stables, Stables of Masters of Hounds, and by many thousands of the best Private Horse Owners in the United Kingdom and Abroad.

Supplies through all Wholesale Houses.

**HARVEY & CO. (DUBLIN), Ltd., DUBLIN.**

### AYRTON-GRAHAM LTD.

Designers and actual manufacturers of

## FITTINGS

For the MODERN PHARMACY.

Shop Fronts, Show Cases, Exhibition Cases, Counter Cases, Counters, Wall Cases, Glass Signs, etc., etc.

PHARMACIES MODERNISED.  
 ALL GOODS OF BEST QUALITY  
 AND FINISH AT LOWEST RATES  
 Competent Fitters sent to all parts.

**24 BENSON ST., LIVERPOOL**

### Continuous and Steadily Advertised Goods FOR DESTROYING RATS AND MICE

## DANYSZ VIRUS

Retail Price (Protected)	Net Wholesale Price
Virus for Rats and Mice, single tube, 2/-	15/- per doz.
3 tubes, 5/-	
Virus for Mice only, single tube, 1/6	9/-
3 tubes, 3/-	

Date-expired tubes returned to us postage paid will be exchanged free of charge.

### Danzysz Virus in Liquid Form

Retail Price	Wholesale Price
Bottles 6/- each	4/6 each
" 4/6 "	3/9 "

### HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25% Monthly Account, or 33½% Cash with Order.

Retail	Monthly A/c	Cash with Order
1/2 gall. tins .. 10/- ..	7/6 ..	6/8
1 " " .. 18/- ..	13/6 ..	12/-
5 " " .. 80/- ..	60/- ..	53/4

### DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, &c.

Retail Prices (Protected)	Wholesale Prices
In cartons 9d. each	6/9 per doz.
" 1/6 "	13/6 "
" 3/- "	27/- "

Danzo Beetle Powder will not deteriorate by keeping.

**CARRIAGE PAID ON ALL ORDERS.**

To be obtained from

**HALLER LABORATORIES, LTD.**

325 Borough High Street, LONDON, S.E.1

Telegrams: "Virudana, Sedist, London." Telephone: Hop 2717





*Sky high*

**DUREX sales are soaring—  
for these two reasons:—**

- (a) The public prefers our fine quality
- (b) The chemist prefers our proposition

**Let us send you samples (gratis) and full details**

***Durex***  
**TRANSPARENT  
PROTECTIVES**

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# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C. 2

JULY 25,  
1936

### ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

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1.—STREATHAM (NEAR).—Main-road Business; returns under management average £45 per week; excellent fixtures; heavy stock; reasonable rental on lock-up shop; price all-at £1,385, not to include weighing machine and Neon sign.

2.—LONDON, W.1.—High-class Retail and Dispensing Business for sale; returns under management, £25 per week; scope for increase; price £600 all-at, approximately the value of the stock and fixtures.

3.—KINGSTON (NEAR).—(RETIREMENT VACANCY).—Returns last year £1,565; gross profit £595; very nice living accommodation; scope for increase under energetic management; price asked, £650, plus stock at valuation; stock worth about £300 or so.

4.—TOTTENHAM (NEAR).—General Retail Business run under the management of a lady; takings about £1,500, including good Panel; living accommodation; low rental; price all-at £650 or near offer; substantial stock.

5.—LONDON, S.E.—Business occupying splendid position in busy main road; neglected takings about £1,600 per annum, including about £400 per annum from proprietary which shows an excellent percentage gross profit; further details upon application by genuine buyers.

6.—WOODFORD (NEAR).—Cash Retail Business for sale owing to retirement; returns average £20 per week; gross profit 36 per cent.; nice living accommodation, including three bedrooms, bathroom, etc.; price all-at, £500, or valuation terms entertained.

7.—HOUNSLOW.—Good Middle-class Retail Business for sale owing to ill-health; increasing turnover, last year being approximately £1,500; gross profit £525; accountants' figures; very nice living accommodation; property can be purchased or leased at reasonable rental; price all-at, £1,100 or £300, plus stock and fixtures at valuation.

8.—WALTHAMSTOW (DEATH VACANCY).—Middle-class Main-road Business offering scope for increase under energetic management; net profit nearly £6 per week; new lease on shop and house; stock and fixtures worth £400-£500; first reasonable offer obtains.

9.—CHELSEA.—Middle-class Business; beautifully fitted shop very well stocked; gross profit last year, £581; rent almost let off; Optical Business for disposal as well, if required; further details upon application.

10.—SURREY (FEW MILES OUT).—Middle-class Business; takings average £24-£25 per week; gross profit £9 per week; net profit averages £7 per week; single-fronted shop nicely fitted; stock worth about £400; accommodation over with bathroom; reasonable rental; long lease; price all-at £750 or near offer.

11.—SYDENHAM (NEAR).—Old-established Neglected Business for sale; average net profit for last three years £397; living accommodation;

rent £46 per annum; sub Post Office attached; price all-at £500, or alternatively £100 plus stock and fixtures at valuation.

12.—MONMOUTH.—Good-class Retail and Dispensing Business with valuable Agencies; returns last year £3,250; net profit over £800; heavy stock; real mahogany fixtures; reasonable rental; advantageous sublet; price asked, £3,000.

13.—CORNWALL.—Good Middle-class Business; returns last year £3,102; net profit £489; double-fronted shop with arcade; good stock; nice fixtures, mahogany; living accommodation; price all-at £1,150; genuine reason for disposal.

14.—ESSEX (FEW MILES OUT).—Drug Store for immediate disposal; well established; takings over £20 per week; good fixtures and clean saleable stock; living accommodation; rent £80 per annum; held on lease; price required, £450 all-at, or valuation terms entertained.

15.—LONDON, E.17.—Middle- and Working-class Business in growing district; takings about £25 per week average; attractive double-fronted corner shop with nice house over; price required for business £650 for fixtures and goodwill, plus stock at valuation; property can be purchased and existing mortgage taken over; further details on application.

16.—CHEAM (NEAR).—Middle-class Retail and Dispensing Business for sale owing to Vendor having bought a larger concern; takings average over £28 per week; net profit about £8 per week; stock worth £500; fixtures £250; living accommodation comprises three bedrooms, bathroom, etc.; rent £98 per annum; first reasonable offer obtains.

17.—SWANSEA.—Family Retail Business for disposal; takings over £2,000 per annum; gross profit 37 per cent.; audited accounts; eight-roomed house over, with bathroom; private entrance; garage; further details upon application.

18.—CHATHAM (NEAR).—Old-established Middle-class Business taking nearly £1,500 per annum; main road position; single-fronted shop; stock estimated at £300; living accommodation over; price for quick sale, £500 all-at; new 21 years' lease at £90 per annum available.

19.—WESTCLIFF-ON-SEA.—Branch Business for disposal; old established; returns under management of lady, £1,550 last year; good clean stock worth £400-£500; fixtures, fittings, utensils, etc., worth about £200; 19 years' lease; rent £110 per annum; price £750 all-at or near offer.

20.—WORCESTERSHIRE.—High-class Retail and Dispensing Business with excellent toilet trade; in present hands about 30 years; stable turnover averaging approximately £90 per week; net profit this year about £900; prospective purchasers with approximately £4,250 at command may have further details upon application.

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**Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 2405**

*Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.*

(C1) HARROW (NEAR).—Attractive modern Pharmacy, with sub-post office, situated in rapidly growing good-class district; no opposition or likelihood of same; steadily progressive turnover, now at the rate of over £20 per week, and will undoubtedly show a very substantial increase during the next two years; excellent opportunity for chemist possessing foresight and initiative; price approximately £900.

(C2) LONDON, S.W.—Good profit-earning business, established about 30 years ago; turnover for 1935-36, £1,028, which is an increase of £78 over the previous year's figures; rent entirely covered by sub-let; no near opposition; price approximately £600.

(C3) PIPESHIRE.—Established retail business, with good scope for further development; turnover for 1935-36, £985; net profit £250; very low overheads; price £625 all-at, but any reasonable offer will be considered.

(C4) ELEPHANT AND CASTLE (NEAR).—Drug Store occupying prominent position in busy main thoroughfare; present returns approximately £12 per week, with excellent scope and opportunities, particularly under qualified proprietorship; low rental; for sale owing to ill-health and retirement; £300 is asked, but the first reasonable offer will be accepted; stock worth over £200.

(C5) SOUTHAMPTON.—Pharmacy with living accommodation (optional), situated in good-class district, can be acquired at "bargain" figure for quick transaction; now doing at the rate of approximately £17 per week, with scope for substantial increase; low rental; for a quick sale, £250 all-at will be accepted.

(C6) SOUTHPORT.—Good middle-class business with some optics, which can either be taken over or otherwise; turnover for last financial year £1,100; good scope with personal interest and attention; for a quick sale will accept approximate value of stock and fixtures only.

(C7) BRIGHTON.—Old-established middle-class business (not seasonal) can be acquired for an immediate transaction on payment of a sum in the region of £250-£300; pharmacy attractive and well fitted; living accommodation if required; turnover capable of substantial increase; unique opportunity for chemist with limited capital; further details upon application.

(C8) KENT COAST.—Attractive, modern lock-up Pharmacy, situated in growing area; turnover for last financial year, £1,231, and steadily increasing; branch surgery near by; good scope under personal proprietorship; price £650 or reasonably near offer.

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2.—SUSSEX COAST.—Old-established Business, with good Prescribing and own Proprietaries; returns £1,500, net profit over £400; low rent; on lease; house attached; price £1,050, or valuation terms arranged.

3.—KENT COAST.—Light Cash Retail, with Photo; showing steady increase; returns last year £993; modern premises; good stock; price £500 or offer.

4.—DEVON COAST.—Good-class Drug Stores; excellent scope for Chemist; returns average £1,100; own property; lease granted; good house; price £300 or offer, plus stock at valuation (about £350).

5.—THAMES VALLEY.—Good-class Country Business; returns about £800; good scope for increase; low rent; 17 years' lease; price about £600.

6.—SOUTH CHINGFORD.—Middle-class Cash Retail; returns about £1,100, good profits; rent £125; long lease; nice house; price £400.

7.—LONDON, N.W.—Good Working-class Business; returns over £1,000; good house; low rent; lease 6 years, renewable; price all at £650.

8.—STREATHAM.—Good-class Family Suburban Retail; in busy main road; returns £2,250, under manager; good profits; stock and fixtures worth about £1,200; price £1,385.

9.—LONDON, W.—Family Retail and Dispensing; returns average £1,200, excellent profits; low rent; long lease; good scope, as business has been neglected; price £600 or offer.

10.—WIMBLEDON.—Middle-class Retail showing steady increase; returns £1,200, net profit £300; good house; rent £113, inclusive; long lease; price £690 or near offer.

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\*[See inset in this issue]



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**PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines).****VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.***Enquiries Invited.***BUSINESSES FOR DISPOSAL.**

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**BLACKPOOL.**—Old-established Drug Stores, etc.; lock-up; central position; Kodak Agency; average yearly turnover round £1,400; great scope for Qualified man; inclusive price £675; other details to genuine buyers at interview only; no agents. 51/51, Office of this Paper.**LONDON, N.**—Attractive modern Pharmacy (lock-up), old-established, in busy thoroughfare; long lease; reasonable rental; takings £950 under indifferent management; price for quick sale, for fittings, fixtures and goodwill, £225; stock at valuation, can be reduced to suit purchaser. 51/19, Office of this Paper.**MANCHESTER SUBURB.**—Branch for Sale in busy, rapidly developing district, main road; good living accommodation, with garden; takings £18, steadily increasing; excellent prospects, especially under owner-manager; price £550 (value, stock and fixtures); sell or lease property. 49/6, Office of this Paper.**MARGATE, on Front, opposite Clock Tower.**—Chemist and heavy Counter trade of profitable lines; no Dispensing, no N.H.I.; marvellous opportunity; owner's other activities will not permit of time to be spent in Margate; long lease; goodwill and fixtures £1,500, stock at valuation. 284/309, Office of this Paper.**WEST RIDING.**—Newly-established Business for Sale in pleasant suburb; thickly populated estate; low rent, no rates; façade of cinema; new fixtures and all good saleable stock; three doctors near; N.H.I. increased rapidly since opening; genuine reason for disposal; price for quick sale £350, which is less than stock and fixtures alone. 50/11, Office of this Paper.**UNUSUAL Opportunity** occurs for an energetic Man to commence business with practically no capital; main-road business, which has been badly neglected and only needs initiative to be developed; no near opposition with large population; middle- to working-class to draw upon; good scope for Photographic and N.H.I. Dispensing; rent is practically covered by sub-let. 284/314, Office of this Paper.**£75 (ALL AT).**—Drug Store for Sale in Sussex town; rent £1 a week, no rates; taking £12 a week; neglected; bargain for beginner; good, clean stock. 51/37, Office of this Paper.**£425.**—LONDON; business to be disposed of immediately, due to illness; sound investment. 51/48, Office of this Paper.**£800.** PART can remain; a nicely fitted and well-stocked Pharmacy; now doing £1,400 under adverse circumstances by lady; large Panel; streets of small houses are being replaced by L.C.C. flats, and shortly the population will be sixfold and the business value increased thereby; living accommodation; moderate rental; long lease; owner taking West End premises, otherwise would not sell; London; exceptional opportunity. Apply 51/330, Office of this Paper.**BUSINESSES WANTED.**

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**SCOTLAND.**—Chemist wants to purchase established Pharmacy with High-class Toilet and Dispensing connexion; preferably with Kodak Agency; no Optics; town or country; turnover £2,000 upwards—no upper limit; must be well situated and bear strictest investigation. Send preliminary particulars in confidence to 52/3, Office of this Paper.**JOHN BRIERLEY, F.N.A.A.**THE RECOGNISED CHEMISTS' VALUER & TRANSFER AGENT  
135 Queen Street, Newton Heath, MANCHESTER

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**PREMISES TO LET.****RUSTINGTON, nr. Littlehampton.**—New Shops to Let, fast-growing residential area, with or without living accommodation; corner main-road position; meeting immediate demand; excellent opening for Chemist; 7 left only; rents from £90 p.a. ex. Full details, Onslow Estates (Worthing), Ltd., 13 Liverpool Gardens, Worthing.**GOOD Opening for Chemist, no Competition.**—A parade of 10 Shops on main road in Sidecup area; only 1 shop available; vital trades represented, including multiple traders; low rent, to include flat over. Apply Healey & Baker, 29 George Street, Hanover Square, W.1.**NO Chemist Represented.**—A parade of 13 Shops at the junction of five main roads in important South-East suburb, adjoining super cinema; 11 shops already let (10 to multiple companies); shop front will be installed; moderate rent, including flat over. Apply Healey & Baker, 29 George Street, Hanover Square, W.1.**PREMISES.****GREENFORD, Driving Centre.**—Large Shop, with flat; modern shop front fitted; immediate possession; liberal concession to sound traders; suitable Chemist. Apply C. Cecil, 37-38 Golden Square, W.1. Gerrard 5280.**SURBITON.**—Spacious Shop, with flat above, newly erected in prominent position in the midst of large development of houses and factories; suitable for immediate purpose of Chemist; to be let on lease from £100 p.a., or for sale, freehold, shop fronts included; finance arranged if required. Oakcroft Estate Office, 293 Hook Rise, Surbiton, Surrey. Telephone: Elmbridge 1659.**WORTHING.**—A really fine opening for Chemist in rapidly growing district; shopping monopoly for several thousand houses; rent £100 p.a. or £1,375 freehold, with excellent living accommodation. Full details, Howes & Co., 3 Bath Place, Worthing. Tel. 579.**APARTMENTS.****BOURNEMOUTH.**—Wrenwood, 11 Florence Road, Boscombe; close to pier, shops, tennis, golf, etc.; excellent cuisine; modern conveniences; terms from 2½ guineas, July, August and September; illustrated tariff upon request. Phone: Boscombe 1349.**THE HAMPDEN RESIDENTIAL CLUB****FOR GENTLEMEN, Hampden Street, N.W.1.** Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including bath, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.**APPOINTMENTS.****THE BOLTON ROYAL INFIRMARY.**

239 BEDS

**REQUIRE** the services of a Head Dispenser, Pharmaceutical Society's qualifications essential.

Applicants must have practical experience of Pharmacy relating to Hospital Dispensing, and be capable of taking full control of the department and staff. Strict disciplinarian essential. State fullest particulars, including age and salary required. Applications to reach the undersigned not later than Saturday, July 25.

ALBERT E. BRISCOE,

Secretary.



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## AGENCIES.

**ARGENTINE.**—Responsible English firm established in Buenos Aires is open to treat for representation of good British house desirous of introducing well-advertised and accepted product in the Argentine market; 20 years' experience of one of the world's richest markets; expert advertising and organising ability, manufacturing laboratory certified by Government Dept.; highest Buenos Aires and London banking and commercial references. Louis Aspinall & Co., Calle Moreno 784, Buenos Aires, Argentine.

**AGENCY** for strong line required, Midland Counties, by small firm with extensive connections Chemists, Hairdressers, etc.; own car and storage if required; commission and part expenses, or salary. Write Director, 52A Birmingham Factory Centre, King's Norton, Birmingham.

**OLD-ESTABLISHED** firm of Surgical Dressing Manufacturers require Distributor or Agent for the sale of their products in Scotland. Reply, giving full particulars, to 284/308, Office of this Paper.

**POWDER Puffs and Sponge Bags.**—Manufacturer requires Agent calling best to medium Retail trade; large range; commission only; active connection handed over. 49/15, Office of this Paper.

**SOLE Agency** for well-known and long-established Continental Laboratory, Manufacturers of Sera, Vaccines and special Biological Products, available for British Isles; excellent opportunity for firms well connected with the Medical profession; import licence already secured. Principals only write: 51/7, Office of this Paper.

**WANTED** by an Old-established Druggist Sundry House covering the Midlands and North-Eastern Counties Agencies for well-known Proprietary Lines; state terms of business in confidence; highest references given; would negotiate either on a commission basis or bona fide sales outright; only well advertised goods entertained. 45/18, Office of this Paper.

## APPRENTICES.

**APPRENTICE.**—A vacancy occurs for an Apprentice; London, S.W.; sound, modern training in well-appointed Pharmacy; no premium; a reasonable wage will be paid. Full particulars of general education, which must be of a high standard, and experience, if any, to 51/13, Office of this Paper.

**MESSRS. HANDFORD & DAWSON, LTD.** High-class Dispensing Chemists, 1 Station Bridge, Harrogate, have a vacancy for an Apprentice holding the necessary Educational Certificate.

## SITUATIONS OPEN.

### RETAIL (HOME).

**BOURNEMOUTH.**—Qualified Junior for Dispensing, Counter, and Window-dressing. Apply, giving full particulars, enclosing photo if possible, and stating salary required, 49/3, Office of this Paper.

**CHESHIRE.**—Qualified Manager (over 28 years), with Optical experience, required; must be experienced in High-class Toilets and Photography; good knowledge of Window and Counter Display Work essential. Unqualified Assistant also required. Write, stating age, height, experience, salary required, photo if possible, to 50/9, Office of this Paper.

**E. YORKS.**—Vacancy occurs for Qualified Assistant; easy hours and work; would suit elderly male or recently Qualified; Lady not objected to; state wage and all particulars first letter; permanent post to suitable applicant. 51/55, Office of this Paper.

**HOVE, SUSSEX.**—Qualified Male Assistant required for Dispensing and Family business. Apply, stating salary required and full particulars, to Hockin & Cashmore, 111 Blatchington Road, Hove, 3. Applications not answered in 10 days respectfully declined.

**LONDON, E.**—Qualified Assistant. Also locum for two or three months; Qualified preferred, but not essential; middle-class trade and N.H.I. Dispensing; give full particulars of experience, names of references, when disengaged, age and salary required. Apply (letter only) Chemist, 500 Amhurst Road, London, N.16.

**LONDON, W.**—Opening for intelligent and keen worker anxious to acquire practical knowledge of Dispensing and Family business; sex, age and particulars in own handwriting; initial salary 12s. 6d. per week. 52/13, Office of this Paper.

**MIDDLESEX.**—Unqualified Assistant required, end of August, for middle-class business; permanency; write, giving full particulars; no photos; interview required. 52/9, Office of this Paper.

**SURREY.**—A young, energetic Unqualified Male Assistant for quick Cash Business; good Window-dresser essential; knowledge of Photographics and Dispensing; clean and accurate worker; apply with full particulars re experience, age, height, salary required (outdoors); letters not answered in 6 days respectfully declined. 50/4, Office of this Paper.

**S.W.7.**—WANTED for Good-class Dispensing Business, young Unqualified Male Assistant, also Temporary, for August; state age, salary and usual particulars. Also good berth for Apprentice, one with Scientific Prelim. preferred; applications not answered in 7 days respectfully declined. 50/6, Office of this Paper.

**TEDDINGTON.**—Junior Assistant, male, Unqualified; permanency; must be quick and accurate Dispenser; will be engaged almost full time Dispensing. Apply first, stating age, height, experience, salary required, to E. C. Tamplin & Son, 19 Eden Street, Kingston-on-Thames.

**A.**—CHEMIST-OPTICIAN requires Unqualified Junior Assistant as locum from August 1 to 31 (Qualified Assistant in charge); state wage and all particulars first letter. I. T. Pedlar, 125 Union Street, Stonehouse, Plymouth.

**A.**—YOUNG Lady Assistant required for Ilford district; must be an accurate Dispenser, but not necessarily Qualified; Counter experience essential; applicants should state salary required. 51/21, Office of this Paper.

**A QUALIFIED** Lady Assistant required, mainly for Dispensing, in large business; no Sunday or half-holiday duties; 48-hour week; send particulars, experience, age, salary, enclosing photograph; interview required. Secretary, Derby Co-operative Society, Ltd., Albion Street, Derby.

**CHEMIST and Optician**, Qualified, to manage business in South Wales; Welshman preferred. Apply, stating age, height, salary required, and giving full particulars, to Davies Bros., Chemists and Opticians, Porth, Glam.



**CHEMISTRY** Female Assistant wanted, Qualified, for provincial town shop. Apply, stating age, salary, and giving full particulars, to Secretary, Tanworth Industrial Co-operative Society, Ltd., 5 Colehill, Tamworth.

**DOCTORS'** Dispenser required after August holiday; Gentleman under 40; permanency to suitable man; particulars of age, experience and salary. 51/17, Office of this Paper.

**IMPROVER** wanted, or Junior, Unqualified, male or female; good, all-round knowledge; full particulars, age, salary, photo. W. E. Barker, The Pharmacy, Burnham-Bucks.

**JUNIOR** Unqualified Assistant wanted for seaside as soon as possible. Apply, giving full particulars of training, references, age and salary required, 51/30, Office of this Paper.

**JUNIOR** wanted, Gentleman or Lady, for 2 months or more; probably permanency to right applicant. Apply Dutton, 1248 Ashton Old Road, Manchester.

**LADY** Assistant (Qualified) for new Pharmacy in busy Essex town; must be accustomed to building up good Toilet business. Full details of experience, age, salary, etc., to John Stanley, M.P.S., 196 Station Road, Edgware, Middlesex. Also Junior Assistant (male).

**LADY** Dispenser for South Coast Pharmacy; permanency; Hall Certificate preferred, not essential; state age, experience, salary required (outdoor) and when disengaged. 50/12, Office of this Paper.

**LADY** Qualified Assistant; middle-class business; comfortable permanency; on Tyneside. State age, experience and salary required to 50/17, Office of this Paper.

**LADY**, Unqualified, experienced; good situation; prospects. Full particulars, Lawrence, Chemist, 285 Mile End Road, London. (Advance 3492.)

**LOCUM** Dispenser, August 10 to 22 inclusive; give particulars of age, experience and salary required, with copy of recent testimonial; applications not answered in 4 days declined. Ashton & Co., 46 Dyke Road, Brighton.

**LOCUM** (lady), Qualified, required for prolonged period. Applications, stating salary required, accompanied by copies of two testimonials, to Secretary, Victoria Hospital, Burnley.

**LOCUM**, Qualified, Lady or Gent., for single-handed business, small country town, immediately. Reply, stating salary, experience, to W. H. Dixon & Sons, Ltd., Chemists, Cuckfield, Sussex.

**LOCUM**, Qualified, required for week commencing September 7. Apply, stating age, experience and salary required, Horne, Chemist, 16 High Street, Swanley, Kent.

**LOCUM**, Unqualified, outdoor (age about 22), for six weeks commencing August 17. Full particulars to W. N. Ashworth, 52 Church Street, Weybridge.

**LOCUM** wanted; Doctors' Dispenser; August 9-25 inclusive. 51/16, Office of this Paper.

**LOCUM** wanted for small business near Dundee, for three weeks from July 29; would admirably suit retired Chemist. Particulars to Mr. A. Chalmers, M.P.S., Pierhead Pharmacy, Newport, Fifeshire.

**LOCUM**, young, Qualified, for month of August, South-West London district. Apply Masons, 89 Acre Lane, Brixton, S.W.2.

**MID-AUGUST.**—Improver or Junior required for Retail Business, London, S.W.9; must be prepared to co-operate and work with proprietor in small quick trade. State age, salary, experience, etc., to 50/10, Office of this Paper.

#### PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

**PHARMACY.**—Female Assistant required; must have had general Pharmaceutical and shop experience. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." Note.—Canvassing of members of the General Committee or Officials will disqualify.

**QUALIFIED** all-round Assistant (male); some Book-keeping; required August 31; high-class Dispensing experience essential. Also Junior Assistant, Unqualified; commence September 7; must be of good address, smart Window-dresser and experienced Counterhand. State full particulars to Blacklock & Co., Chemists, The Square, Bournemouth.

**QUALIFIED** Assistant, married preferred, wanted on October 1 for good-class Country Business; house provided. Particulars as to age, height, references and salary required, enclosing photo, Mills & Baxter, Bourne, Lincs.

**QUALIFIED** Assistant Superintendent (to commence early August or now); must be able to take charge if required, alert, ambitious, obliging; used to high-class modern Sales and Displays, Photographic, Veterinary, Toilet, Household Requisites, packing away specialities, etc. Send terms, photo, references, first instance, Kendalls Chemists, Ltd., York.

**QUALIFIED** Assistant wanted at once. Full particulars as to age, salary, references to Venables, Chemist, 260 Upper Tooting Road, S.W.17, or 'phone Streatham 2443.

**QUALIFIED** Assistant wanted for August 4 or nearest (about 25 years). Selleck, High Street, Stourbridge.

**QUALIFIED** Assistant (24 to 35) required; one with Photographic experience preferred. Durbins, 12 The Broadway, Wimbledon, S.W.19.

**QUALIFIED** experienced Gentleman required from August 15; good appearance; able to take charge; permanency entertained for man of right ability. Apply Fairfax, 59 Marchmont Street, London, W.C.1.

**QUALIFIED** Lady for comfortable permanency in good-class business in S.E. London. State age, experience and salary required to Bernard Phillips, Ltd., 27 Northcote Road, Clapham Junction, S.W.11.

**QUALIFIED** Lady wanted, to commence beginning of August, for small branch business in North London. Write, giving usual particulars, to Beck, 60 High Street, Stoke Newington, N.16, or 'phone Clissold 0335.

**QUALIFIED** locum, immediately, for Branch Relief until August 30. Smith, East Prescott Road, Knotty Ash, Liverpool.

**QUALIFIED** Manager for branch; N.H.I. Dispensing, etc; please write, giving full particulars. Also Lady Assistant, with knowledge of Dispensing, required. Bewells, Ltd., 19-21 Pitfield Street, N.1.

**QUALIFIED** Manager for branch shop in working-class district of Middlesex. Apply, giving full particulars, 52/16, Office of this Paper.

**QUALIFIED** Relief (male; 25-30) for good-class business; permanency to suitable applicant. State age, recent experience and salary required, to Lever, 151 Westbourne Terrace, Hyde Park, W.2.

**QUALIFIED** wanted at once for Retail (London); this is an exceptional opening for live Lady or Gent.; opportunity permanency if suitable; applicant must be used to busy Counter and capable to control small staff; references (copies), experience, photo if possible first letter; good salary; only replies of those now free considered; if no reply, kindly excuse. Company Manager, 31 Braeside, Beckenham.

**REQUIRED** immediately, capable, Unqualified Assistant for light Retail and Dispensing business; Part I or Hall preferred, latter must have some Retail experience. Send full particulars, references, age and salary required, Advertiser, 51/29, Office of this Paper.

**TEMPORARY** Assistant for Photographic Department; sound knowledge of good apparatus essential. Usual particulars to Pelling, 17 Turnham Green Terrace, Chiswick, W.4.

**TEMPORARY** Junior for 2 weeks from August 17 and 2 weeks from September 14 or thereabouts. Full details of experience and salary to Hall, 68 High Street, Reigate.



**TWO** Assistants required, Qualified and Unqualified. Also an Apprentice. Ladies or Gentlemen; London; state age, salaries required and usual particulars; photos if possible; duties to commence middle of August or beginning of September. 51/33, Office of this Paper.

**TWO** Qualified Assistants, one lady, one gentleman, for Dispensing and Counter; good-class trade; good prospects. Apply with full particulars, stating age, to R. P. Bristow, Ltd., 17 Oxford Street, High Wycombe.

**URGENT.**—Qualified Lady or Gentleman Assistant required immediately; quick and reliable at Dispensing and Counter; state age, experience and salary required. Williams & Baxter, Ltd., St. Peter's Road, Great Yarmouth.

**WANTED**, August 24, Junior Qualified Assistant, male or female. Full particulars to Watkinson, Chemist, 384 Lordship Lane, Tottenham, N.17. Applications not answered in 7 days respectfully declined.

**WANTED**, Bio-Chemist with experience in the Endocrine field. Reply 51/5, Office of this Paper.

**WANTED.**—Evening Assistant; tall; Dispensing and Counter; Friday and Saturday evenings certain. Horsley and Co., 274 Portobello Road, W.10.

**WANTED** for immediate engagement, Assistant; qualification not essential; for good-class business with Photographics; must be competent and trustworthy. Kindly state full particulars, age, height, salary required, experience, etc., and enclose photo (returnable) to D. T. Evans, Ltd., Chemists and Opticians, Margate.

**WANTED.**—Qualified Manager or Chemist-Optician. Apply with full particulars to Shackletons Cash Chemists Ltd., 502 Great West Road, Hounslow, Middlesex.

**YOUNG** Qualified Gentleman required immediately; capable of taking charge of branch in London district; one recently qualified preferred. Apply, with full particulars, to 51/35, Office of this Paper.

**£250 PER ANNUM.**—Chemist-Optician, F.B.O.A. or F.S.M.C., required on or before August 17; keen business builder in Optics; good prospects; permanency for right man. Full particulars and photograph to Openshaws, Chemists-Opticians, Horwich, near Bolton.

### WHOLESALE.

**ASSISTANT** Sales Manager required by London Wholesale Druggists; must have initiative and a good knowledge of both Export and Home Trade. Apply, giving details of experience and salary required, to 284/313, Office of this Paper.

**LEADING** Pharmaceutical House requires energetic young man, preferably Qualified and with some experience, but capable of quickly becoming efficient, to represent an important territory. State age and fullest particulars to Box 313, c/o Mitchells, 1 Snow Hill, E.C.1.

**MALT AND OIL.**—Well-known Non-combine Manufacturers require Representatives; all areas; first-class quality; attractive packs; competitive prices; good commission; must have first-class live connection amongst Chemists, etc.; full particulars, age, lines carried, area, turnover, references; fidelity bond. 284/315, Office of this Paper.

**QUALIFIED** Chemist required by Manufacturing House; experience of keeping Dangerous Drugs records and some knowledge Poisons Law desirable. Write, stating salary required and age, to 284/310, Office of this Paper.

**REPRESENTATIVE** to call upon Hospitals, Medical Men and Dentists in the South and South-Western Counties; applicants should give full particulars of their past experience, stating age, and whether car available. Reply in first instance to 284/299, Office of this Paper.

**REPRESENTATIVES** wanted, calling on Chemists and Hair-dressers; to carry an additional line; easy seller; to work on 15 per cent. commission basis. 51/46, Office of this Paper.

**SOLE** Distributors of widely advertised Trade Mark Goods, sold to Chemists and Druggists only, require immediately Four First-class Representatives for the following vacant territories: Stafford, Warwicks, Worcester, Hereford, Leicester, Lincoln; Cornwall, Devon, Dorset; North and South Wales; Northumberland, Durham, Cumberland, Westmorland; excellent opportunity for those with long-standing connections amongst Chemists and Druggists; liberal commission basis only; no objection to those carrying non-competitive lines; car owners preferred; state full particulars, including territories covered, and present representation, in strictest confidence. 284/312, Office of this Paper.

**TRAVELLERS** required; London districts and suburbs; High-class Toilet Preparation as additional line on commission. P.C.B. 211/37, Office of this Paper.

**VETERINARY** and Dental Packed Goods and Sundries.—Resident Representatives required for (1) Holland, (2) Denmark, (3) Ireland, (4) Scotland, (5) Northern England. Applicants should supply concise report of age, experience, area covered to 46/2, Office of this Paper.

**VETERINARY.**—Two Representatives with good personal connections, calling on Qualified Veterinary Practitioners in Wales and Scotland, required by Distributors of Veterinary Sera and Vaccines; good commission offered. Write, giving full details of present lines carried and territory covered, 51/700, Office of this Paper.

## SITUATIONS WANTED.

### RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**ADVERTISER** strongly recommends his Junior Lady Assistant; quick Dispenser, good Window-dresser, efficient Saleslady; Swansea or district preferred. 49/12, Office of this Paper.

**ASSISTANT**, capable in all branches, desires change; 13 years' London experience; present situation 6 years; good appearance; excellent references as to character and ability; London only. Offers to Assistant, 49/14, Office of this Paper.

**ASSISTANT**, Unqualified, desires position, locum or permanency, latter preferred, but not essential; best West End experience; disengaged. "M., 25 St. Stephen's Road, Bayswater, W.2.

**ASSISTANT**, Unqualified, tall, energetic; sound experience Dispensing, Counter, Prescribing, Photography, Window-dressing; whole or part time; London area. 51/2, Office of this Paper.

**EXPERIENCED** Locum (45), Unqualified; Dispensing, Counter, Photographic, Surgical, etc.; disengaged; well recommended. "A. B., 2 Walham Grove, Fulham, S.W.6.

**LADY** M.P.S., Qualified 18 years, desires light or part-time employment; temporary or permanent; Clinic and Retail experience. 51/20, Office of this Paper.

**LOCUM**; disengaged August 24 to September 12; highest references; town or country. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

**LOCUM.**—Experienced Pharmacist (age 32), Qualified 1925, tall, satisfactory appearance/address, desires locum-relief positions end July-September; reasonable terms, with absolute integrity. Vaughan, 44 Portland Road, Oxford.

**LOCUM**, Qualified; highest references; fully experienced; from July 27. Jenkins, Hathaway's Pharmacy, Lydney, Glos.

**LOCUM** (43), Unregistered; Manager or Assistant; all-round man; excellent references; free August 2. Rigley, 52 Cross Lances Road, Hounslow.

**MANAGER** (56), Qualified; free soon; London or near. 51/25, Office of this Paper.

**M.P.S.**, F.S.M.C. (24), seeks position in West Country; experienced Dispenser and Counterman; Toilet, Photographic and Veterinary; able Refractionist, own apparatus; Devon preferred. Chemist, "Westbury," Cobham Road, Fetcham, Surrey.

### NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.



**NORTH OF ENGLAND—PERMANENCY.**—M.P.S. (28) desires change; all-round experience and capability; at present Managing; would wait for good post in right district; wanted for end of August; interview willingly given; references. 50/7, Office of this Paper.

**PART TIME.**—Qualified Lady, quick and accurate Dispenser, good Counter experience, seeks part-time engagement. 50/14, Office of this Paper.

**PHARMACIST** (45), married, travelled, seeks position with an interest and view to succession; suit gentleman wishing gradual retirement. 49/4, Office of this Paper.

**QUALIFIED** Chemist, elderly, active, disengaged shortly desires post as Superintendent; part-time; terms reasonable. 52/14, Office of this Paper.

**QUALIFIED** Locum; experienced, trustworthy; disengaged August 3 to 8 and from September 14; £4 5s. Harris, 96 Darnley Road, Gravesend.

**QUALIFIED**, married, seeks permanency, with living accommodation, possible view to succession; excellent references; free shortly. 49/11, Office of this Paper.

**QUALIFIED** Scot (35), married, experienced Manager, seeks permanency, preferably with living accommodation; thoroughly trustworthy; highest references. 50/5, Office of this Paper.

**QUALIFIED** (24) as Manager or Assistant in the Eastern Counties; all-round experience; London and country. W. A. Nokes, Wroxham, Norwich.

**QUALIFIED** (37) seeks position; London or South; tall, reliable, single; 20 years' varied experience; recently own business; disengaged; permanent post or temporary (not locum). 51/10, Office of this Paper.

**QUALIFIED** (65); light work or part-time; London area; from September; Analytical experience. 50/2, Office of this Paper.

**QUALIFIED** (37), married, active, conscientious, will be compelled to relinquish present post for health reasons, requires in autumn sound permanency; S.E. or accessible thereto preferably. "W.," 220 Camberwell New Road, S.E.5.

**SHORTHAND-TYPIST** requires work one or two evenings a week; also Dispensing. 51/1, Office of this Paper.

**STATE** Register National requires post as Receptionist to Doctor or Dentist; young lady; engaging manners. P.C.B. 211/34, Office of this Paper.

**UNQUALIFIED** seeks part-time position; 2 or 3 evenings weekly; vicinity only. Murgatroyd, 2 Stockwell Park Road, S.W.9.

**UNQUALIFIED** (28); 12 years' good Counter, Photographic, Window-dressing, Stock-taking, with brisk Family and N.H.I. Dispensing experience. Maurice, c/o E. D. John, M.P.S., Chemist, 118 Cowley Road, Uxbridge.

**WELL-EDUCATED** Girl, with knowledge Dispensing, Pharmacy and Chemistry, desires experience, but no Counter work; Eastern district preferred. 48/3, Office of this Paper.

#### WHOLESALE.

**A LONDON** Representative, exceptionally strong, extensive connexion Chemists, Allied Trades, Stores, desires to join reputable firm; salary and commission; highest credentials; car. 51/430, Office of this Paper.

**A MIDLANDS** Representative, Birmingham and 50 miles around, with 15 years' personal connection, seeks a change with reputable firm; own car; keen speciality salesman; results guaranteed; salary and expenses; first-class references. Salesman, 74 Castle Road, Weoley Castle, Birmingham.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

**A REPRESENTATIVE**, London, proof of successful selling ability, strong connexion, exceptional credentials, own car, desires reputable house; salary and commission or commission with connexion. Particulars to 51/43, Office of this Paper.

**A DVERTISER**, Pharmacist (27), tall, good appearance and personality, offers services to house of repute as Representative at home or abroad; present position controlling company owning several shops; proved ability as Organiser and Salesman; exceptional knowledge of the requirements of the Retail Trade. Please send full details to 284/311, Office of this Paper.

**A N** Accomplished Medical Interviewer and skilled Propagandist, with wide experience and a unique knowledge of Medical Men, their requirements and susceptibilities, desires re-engagement. "A.," 21 Gloucester Place, Brighton.

**A DVERTISER** is a gentleman of integrity, and very well known in Drug Trade and Medical circles. At present Sales Manager of a well-known Pharmaceutical House, but he is contemplating making a change in September/October; he would be pleased to hear from any house of repute who may be interested. 51/9, Office of this Paper.

**A SSISTANT** (29), excellent London experience, Drugs, Patents, Toilet, D. and P., desires change to Wholesale; first-class references as to capabilities and character. Offers to Assistant, 49/140, Office of this Paper.

**B RISTOL** resident, Unqualified (29), 12 years' Retail and knowledge of Commercial Sales, seeks position with Wholesale or Manufacturing house of repute, where efficiency and integrity will be appreciated. 49/8, Office of this Paper.

**E XPERIENCED** Traveller of highest integrity (M.P.S., F.B.O.A. (Hons.)), desires represent really good house (Druggists' Sundries), commission basis; Perth to Thurso (own car), with Aberdeen as centre, where have stockroom and staff; bankers' refs.; state commission. 284/300, Office of this Paper.

**P HARMACEUTICAL** Chemist desires Representativenesship or lines, Northern Ireland; experience Wholesale and Retail; highest references as to character; any guarantee given; interview. 46/6, Office of this Paper.

**R EPRESENTATIVE**, disengaged, own car, desires post, Southern R Counties; conscientious and absolutely trustworthy; considerable Retail experience, 16 years one firm; references excellent (details Sales Manager, 'Phone Hop 0707). "F. J. M.," 57 Huxley Road, Welling, Kent.

**R EPRESENTATIVE** (34), having completed 8 years' successful Sales Representation for Leading Dentifrice and Toilet Goods House in Yorks and Lancs area, desires change; connexion all Chemists, Department Stores, etc.; car owner; highest credentials; resident Leeds. 51/50, Office of this Paper.

**S ALES**MAN-PROPAGANDIST requires re-engagement shortly; over 20 years' experience calling on leading Physicians, Surgeons, Chemists and Institutions; energetic; can think originally; practical Organiser. M.P.S., 12 Cunningham Place, N.W.8.

**S M**ART Young Chemist, specially trained Salesman, seeks Representation for good house; North-East or London preferred, but not essential. 51/36, Office of this Paper.

**Y OUNG** Man (25) wishes represent well-known firm; connection 300 Chemists, London and Home Counties; 8 years' selling experience; keen Salesman; hard worker. 23 Esmond Road, Chiswick, W.4.

#### COLONIAL, INDIAN AND FOREIGN.

**Q UALIFIED** (38), single, speaking Italian, Spanish, Portuguese, French, desires charge, abroad or West End, Representative or Manager. 283/277, Office of this Paper.

**S OUTH AFRICA.**—M.P.S. desires progressive position South Africa, October or November; own business 3 years; South African born. 51/15, Office of this Paper.



**CLEAR OUT**—your Old or Damaged Stock of Photo Goods.  
*Why keep them any longer? Turn them into CASH.*  
**I GIVE BEST PRICES** for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras. Bromide Papers, Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.  
**S. E. HACKETT, 23 July Road, Liverpool**  
**[CHEMISTS ONLY]**

### FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**A**LDIS Ensign Vertical Enlarger V3, cost 150s.; Butcher's Film Dryer, gas, cost £14 14s.; Butcher's Plate-glass Print Dryer, cost £26; Glass Dish, 12 in. x 11 in. x 5½ in.; Rotary Print Washer; 2 ten-gallon Earthenware Tanks, without taps; Apem Reflex Camera, with 4.5 Cooke Anastigmat Lens; 2 Br. Developing Box; VPK Enlarging Camera; all in good condition. What offers, all or part? Burgess, Chemist, Brighton.

**"NATIONAL"** Cash Register; prints sales on tape; adds all cash; must sell. Write P. Frewin, 123 Abbey Buildings, Tower Bridge Road, S.E.1.

### MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

**A. BERNARD SLACK** has written for benefit of Chemists and their friends a short article headed "*Why you should convert your business into a private limited company,*" and cost. Write for a free copy, study it and be wise and act on free advice given. 721 Princess Road, West Didsbury, Manchester.

**CHEMISTS' FITTINGS.**—New and Second-hand Drug Runs, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. **F. MAUND & E. BERG (SHOWCASES), LTD.**, Shopfitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

**C**OMPLETE Set of solid Mahogany Fittings, Wall Case, Drug Run, Dispensing Screen, Counter, in perfect condition, mirror backs, clock, etc.; would completely fit almost any size shop; reduced; bargain price. Particulars, 142 Promenade, Blackpool.

**S**OAP Plodder, 5 cwt. per hour capacity, wanted. Write full particulars to Box 961, c/o Pool's Advertising Service, Ltd., 180 Fleet Street, E.C.4.

**W**ANTED.—Gardner Mixer, 5 cwt. charge or over. 284/298, Office of this Paper.

**£78.**—BARGAIN in Shop-soiled Mahogany Fittings, comprising 10-ft. Drug Fitting, 6-ft. Wall Case, 10-ft. Glass-fronted Counter, 6-ft. Dispensing Screen, Counter Drawers. **PHILIP JOSEPHS & SONS, LTD.**, 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerk. 4111/2. "Pharmacy Fitters for over a Century."

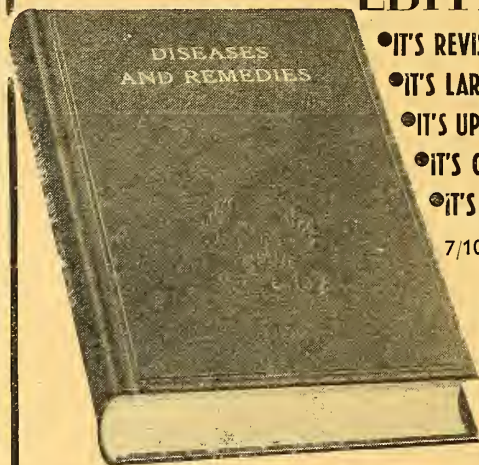
### EXCHANGE COLUMN.

2d. per word, minimum 2s. (Box No., 1s. extra.)

### WANTED.

**W**ANTED.—Cine Kodak, Kodoscope Model D, Screen, Blendut Meter, in good condition. Mackay, 75 High Street, Bideford.

## New 1936 EDITION



- IT'S REVISED
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Revised and brought up to date, "Diseases and Remedies" provides a host of formulas which are in accordance with foremost medical opinion. Reference is made easy and rapid by the alphabetical arrangement of diseases. Remedies and treatments are thus promptly found. The age-old right of chemists to "counter-prescribe" is preserved to them under Section 19 (1) (c) of the Pharmacy and Poisons Act, 1933. "Diseases and Remedies" is invaluable in this connexion. It is equally indispensable to the chemist who wishes to keep abreast of modern tendencies and opinion in medicine.

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**WRIGHT'S LYSOL (C.F.)**

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*Both of these preparations carry special bonus offers for the summer  
and show excellent profits.*

Elegant Summer Preparations

**EFFERVESCENT CITRATE OF MAGNESIA**

Plug-stoppered Cheltenham, Blue Flats and Kalis

**HEALTH SALT**

Tins and Kalis

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Tins

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Tins

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Plug-Stoppered Bottles

QUOTATIONS SENT ON REQUEST

**WRIGHT'S SALINE (C.F.)**

7/6 doz. PATA 1/- Retail 12/6 doz. PATA 1/9 Retail

**"A** reputation that is sound and enduring is more valuable than a passing success, however spectacular, and it cannot be built up in a day."

For 50 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.



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*are Strong, Serviceable and Suresealing!*

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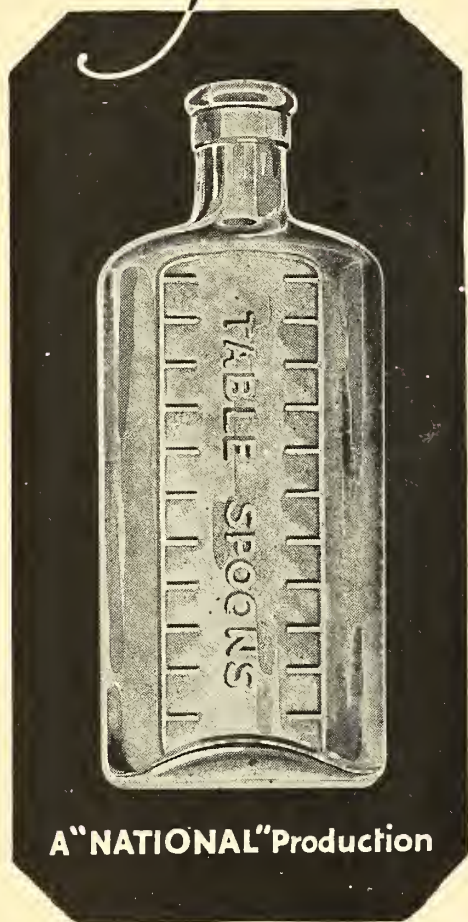
CARTONS OF EITHER 3 or 6 doz. BOTTLES  
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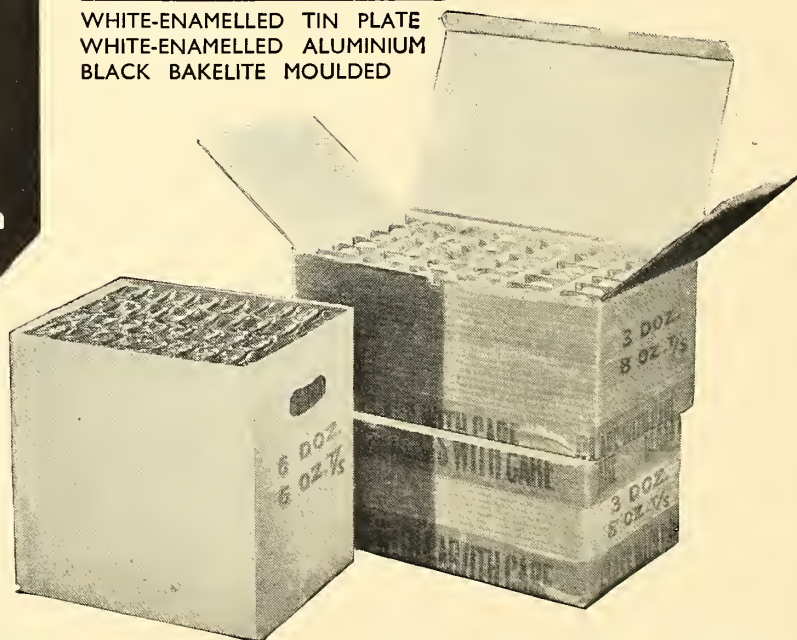
Cork mouth Bottles WASHED & PAPERED  
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